

Product Catalogue

XADO CHEMICAL GROUP

Revitalizants

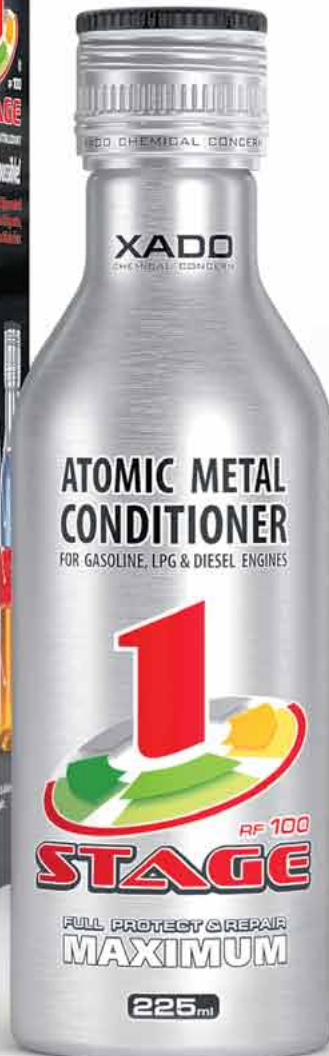
Metal
conditioners

Oils

Greases and lubricants

Special fluids

Air conditioner
treatment products



2013

XADO INNOVATION NANOTECHNOLOGY

XADO®

CHEMICAL GROUP



Dear friends!

**Let us present you the
2013 XADO product
catalogue!**

Herein you can find the most complete, useful and important information about all the products currently manufactured under XADO trade mark. Each product has a detailed description and a picture, also listed are product characteristics, key advantages and application instructions. Product number and packaging information will also assist you to make your order placement process more efficient.

The catalogue includes special informational articles, the following sections:

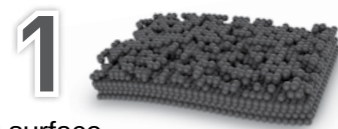
- p. 8** Atomic Metal Conditioners,
- 12** Revitalizants,
- 24** Oils,
- 62** Greases,
- 65** Car Care Products

and presents for the first time:

- 76** Atomic Oils,
- 78** Atomex Additives

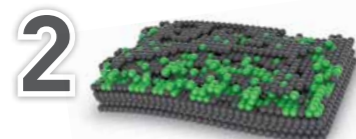
We are sure that this edition will be useful for you and will help you to choose from the wide variety of XADO products those which will suit the unique needs of you and your car.

About the revitalization technology



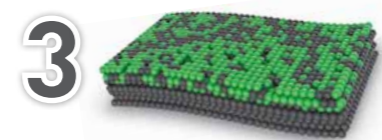
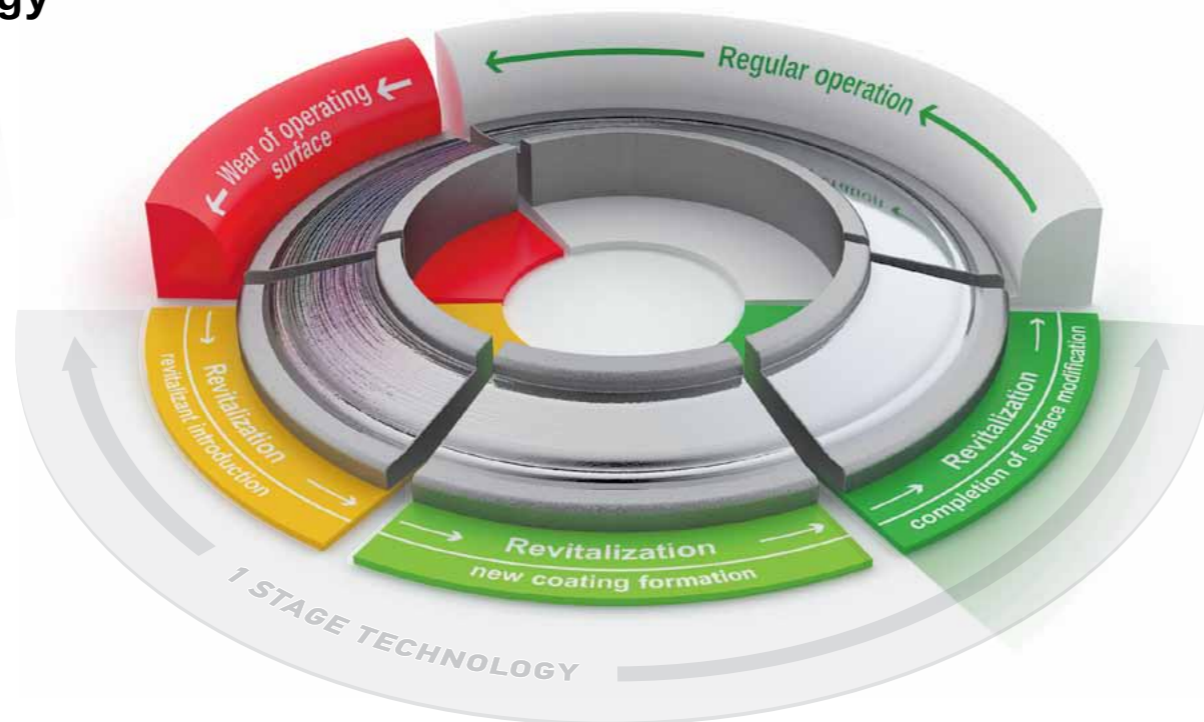
Wear and tear of the operating surface

In order for a defect to occur it is enough to have a scratch or a chip emerged due to impact of solid foreign particles (dust, dirt or cutting waste). This area becomes a zone of enormous surface activity. It appears in places where metal atoms have uncompensated connections. So they can be easily "loosened" and torn from the matrix when the load increases. Metal starts chipping.



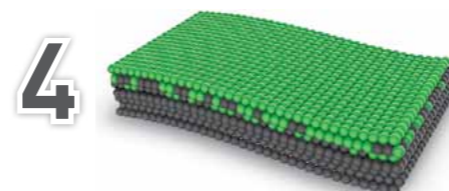
Start of the revitalization process

The revitalizant gets onto the operating surface together with the lubricant. The revitalizant starts acting exactly in the zone of the heaviest wear, as there is enough excess energy here to start to start the revitalization process, and metal atoms possess the largest number of uncompensated connections. These connections, like magnets, capture and hold the building material, revitalizant, just in the areas of wear and tear.



New coating formation

In a few minutes after beginning of the revitalization process a ceramic-metal patch appears in the place where a scratch was. The zone of enormous activity disappears. The energy processes stabilize, the growth of the ceramic-metal coating stops.



Completion of the surface modification

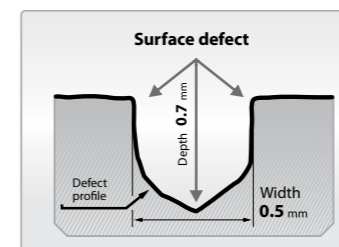
Due to diffusion of the protective layer into metal an extremely firm gradient ceramic-metal coating with unique operating properties is created.

How does it work?

Demonstration experiment

1 The rolling path of a bearing has been damaged with the help of an engraving cutter. It should be noted that all the defects are being made with a reserve in their sizes, i.e. the defects are much larger than those which may occur on the surface of the part during its actual operation. Such a defect is a concentrator and may lead to destruction of the part.

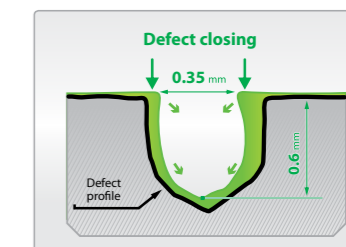
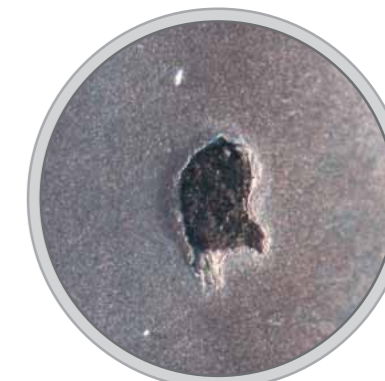
2 The bearing is filled with XADO Repairing Grease designed for heavily (up to 80%) worn units.



A fragment of the bearing's rolling path. The initial factory-made surface is rough, with deep traces of a grinding tool. In the middle there is a point defect (a crater) especially made for the tests, with 0.5 mm diameter and up to 0.7 mm depth.

3 The operating bearing filled with the grease is being exposed to an 8000 N force at a rotation frequency of 1,000 rpm within 15 minutes.

The revitalization itself takes place during operation of the bearing – it means elimination of the defect on the friction surface by creation of a protective ceramic-metal coating. The result of the experiment is shown on the pictures.

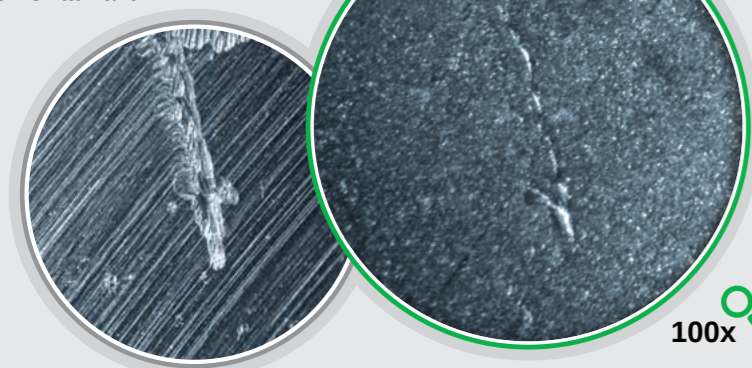


The same fragment of the bearing after 15 minutes of operation under load with XADO Repairing Grease. The surface is modified with ceramic metal, it is smooth and glassy. The traces of initial factory grinding have completely disappeared. The borders of the crater are covered with some buildups resembling snow flushes at the edges of a ravine. It can be clearly seen that the elimination of the defect proceeds from the edges to the center of the crater while gradually filling it.

Demonstrably about the revitalization process

BEFORE

application of revitalizant



AFTER

application of revitalizant

A real surface of a part before and after the revitalization.

After 500 km (300 miles) of run the defect has been completely removed. As a result of revitalization a perfectly smoothed protective ceramic-metal coating has been formed on the surface of the part.

Basic properties of the protective coating

	Without revitalizant	With revitalizant
Microhardness, kg/mm ²	200–300	650–750
Roughness, Ra, micron	0.9 - 2.1	up to 0.06 the highest purity grade
Corrosion resistance	Low	High

Demonstration item

The demonstration item is a conventional axial ball bearing No. 8202 according to GOST (State Standard) that receives axial load. The bearing is made of high-alloy, extremely hard tool steel. In the automotive industry it is used to manufacture heavy-loaded units: CV-joints, tappet rollers, pistons of high pressure fuel pumps and support bearings of gear shafts.



Conventional axial ball bearing No. 8202 according to GOST manufactured by State Bearing Plant No.20. It is used in fuel equipment of diesel engines.

Revitalization laws

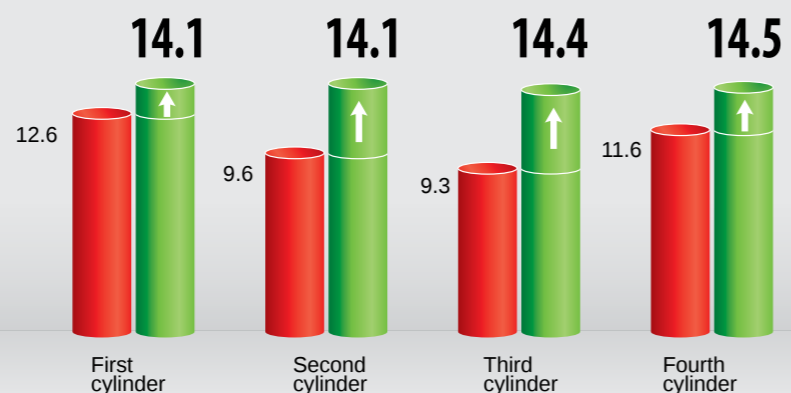
Thanks to XADO products the revitalization became an integral part of technical maintenance of vehicles. During the revitalization a new multifunctional gradient coating is formed on friction pairs. The parts regain their initial size – those very “hundredths” and “tenths” which seemed to have been irrevocably lost during the operating life.

This is the effect of repair or the First law of Revitalization

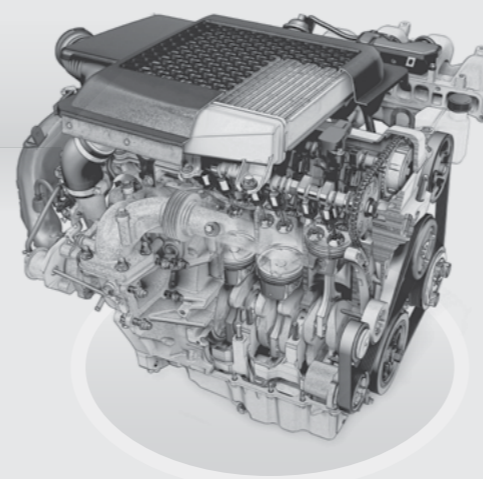
It results in considerable increase and equalization of the compression in cylinders, reduction of fuel consumption, increase in engine acceleration, restoration of oil pumps, turbocharged units, shafts and bushings. Noises in operation of the transmission, howling in the power steering pump, bearing plays and runout are eliminated.

How the revitalization benefits

Compression increase in cylinders of the engine *



Factory
VALUE ↑



Reduction of fuel consumption



* Mazda vehicle, manufactured in 2002, 2.0 L.

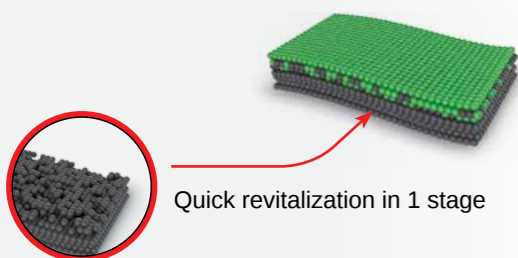
1 Stage Technology



The most progressive revitalization technology is 1 Stage Technology that possesses the highest abilities for restoration of the surfaces and their antiwear protection.

Its main benefits:

- **Treatment in 1 stage**
Convenience in usage of the product.
- **Quick action**
The treatment of a unit accomplishes within just 1,000 km (620 miles) of run.
- **Universality**
1 Stage for Engines is equally suitable both for gasoline (including those operating on LPG) and for diesel engines. 1 Stage technology was the first to provide a guarantee for wear-free operation of the ceramic-metal coating for more than 100,000 km (62,000 miles). Based on this technology, a number of top-products containing revitalizant has been created.



The outer appearance of the coating looks like a smooth glassy surface. In its physical structure it is metal strengthened by metal carbides and carbon. At that, the contents of carbon reach their maximum at the surface while turning it into a diamond-like film. Thus, the result of revitalization is an extra hard surface layer on a metal base - an almost perfect strengthening that guarantees an increased life span.

The new coating possesses unique properties: essential strength, high corrosion resistance, and low roughness. After the revitalization the parts will reliably serve you two to four times longer.

This is the effect of antiwear protection or the Second law of Revitalization

An important feature of the ceramic-metal coating created by the revitalizant is its self-regeneration ability. Even after ten oil changes and operation time equal to 100,00 km (62,000 miles) km of run the scratches which have appeared on the cylinder surface will soon be closed. A guarantee for such durability is in the accumulated potential of internal compressive stresses which remains almost unchanged within the whole operating life. Owing to application of the revitalizant the units and mechanisms can always be maintained in a perfect state.

A medicine against aging of cars and mechanisms exists – this is the Main or Third law of Revitalization

Time and money savings

COSTS

REVITALIZANT[®]
x-tends and protects

One treatment with the revitalizant

SAVINGS

- Reduction of fuel consumption (down to 15% when driving and down to 30% when idling).
- No expenses for overhaul repairs.
- No losses resulting from vehicle downtime.
- Extended life span. Increase in engine compression and power.
- Ecological rationality, reduction of toxic emissions into the atmosphere.

Atomic Metal Conditioners

Metal conditioners (from Eng. condition) are designed to create a multilevel antiwear and overload protection system for parts due to improvements in lubricating properties of oils. The oil film with metal conditioner possesses considerable strength and creates such conditions on the surface of metal parts which prevent their wear and tear.

Atomic Metal Conditioners (AMC) - innovative products of the new generation of metal conditioners.

When manufacturing the AMC, it was the first time when a three-component formula containing sliding agent, metal conditioner and 1 Stage revitalizant was used.

From now on, the metal conditioners solve TWO tasks at the same time: a traditional one – they improve lubricating properties of oil and a new one – they modify the friction surface (due to the action of revitalizant).

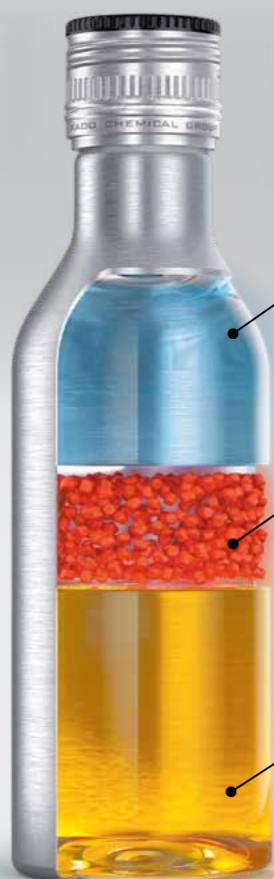
3C EFFECT

The AMC is a three-component product. It looks like a two-phase fluid with granules of revitalizant at its interface. All three components are completely oil-soluble at the operating temperature of the engine.

XADO Atomic Metal Conditioners differ in their application purposes and rate of action of the revitalizant (RF – Revitalization Factor). The revitalization factor is a value for effectiveness of restoration and antiwear protection of the engine. The higher is the RF, the more reliable are antiwear and restoring properties of the coating obtained as a result of revitalization.

The AMCs are effective for all engine types: gasoline, LPG and diesel engines including high-powered and turbocharged ones; engines with direct injection as well as for those equipped with a catalyst converter/particulate filter.

The Atomic Metal Conditioners are compatible with all types of motor oils.



+ 2D SLIDING AGENT

Provides extra light sliding between the engine parts

Granules

+ 1 STAGE REVITALIZANT

Forms a ceramic-metal coating on surfaces of parts, thus compensating wear and extending the life span of the parts

+ METAL CONDITIONER

Strengthens the lubricating film, is perfectly compatible with revitalizant

The granules with atomic revitalizant completely dissolve in motor oil at the operating temperature

Atomic Metal Conditioner XADO Maximum 1 Stage

The product is specially designed for engines having more than 20,000 km (12,000 miles) of run. It guarantees maximum antiwear protection for 100,000 km (62,000 miles) and provides restoring repair of the engine and its active protection immediately during operation of your vehicle.

Advantages

- Restores surfaces of parts and compensates current wear.
- Equalizes and increases compression in cylinders.
- Increases pressure in the oil system up to nominal values.
- Creates an active overload and overheating protection system for parts.
- Improves lubricating properties of oil and tribological characteristics of engine units.
- Reduces fuel consumption.
- Increases engine power and acceleration capability.
- Reduces noise and vibration.
- Extends the life span of the engine.
- Ensures antiwear protection of the engine for 100,000 km (62,000 miles) of run.



As a result of application of the product, the engine has passed a complete revitalization cycle; it is restored to the full extent and securely protected from wear for 100,000 km (62,000 miles) of run.

RF 100
Revitalization Factor

Application

1. Shake the can.
2. Introduce* its contents into the oil-filler of the engine warmed up to the operating temperature.
3. Start the engine and let it idle for 3-5 minutes.

* If the ambient temperature is below zero, it is recommended first to warm the product up to the room temperature.



225 ml

Art. XA 40012
Can

225 ml

Art. XA 40212
Can,
Box

225 ml

Art. XA 40412
Gift set: Can,
Box

Note

The revitalization proceeds within 1,000 - 1,500 km (600 - 900 miles) of run; it is not recommended to change oil during this period.

A repeated application of XADO Maximum 1 Stage is recommended after 100,000 km (62,000 miles) of run.

In order to provide the highest level of antiwear protection for the engine it is recommended to use XADO Atomic motor oils or XADO Highway metal conditioner during every oil change in the future.



225 ml
Art. XA 40011
Can

225 ml
Art. XA 40211
Can, Box

225 ml
Art. XA 40411
Gift set:
Can, Key chain

As a result of application of the product the engine has passed a complete revitalization cycle; it is securely protected against wear and tear for 100,000 km (62,000 miles) of run.



Atomic Metal Conditioner XADO New Car

The product is specially designed for new engines of vehicles (with up to 20,000 km (12,500 miles) of run). It guarantees maximum antiwear protection for 100,000 km (62,000 miles). The metal conditioner provides the highest level of protection for a new car and precise adjustment of parts to each other during the break-in period.

Application

1. Shake the can.
2. Introduce* its contents into the oil-filler of the engine warmed up to the operating temperature.
3. Start the engine and let it idle for 3-5 minutes.

* If the ambient temperature is below zero, it is recommended first to warm the product up to the room temperature.

Note

The revitalization proceeds within 1,000 - 1,500 km (600 - 900 miles) of run; it is not recommended to change oil during this period.

In order to provide the highest level of antiwear protection for the engine it is recommended to use XADO Atomic motor oils or XADO Highway metal conditioner during every oil change in the future.

Advantages

- Ensures effective (with minimum losses of metal and within minimum period of time) adjustment for parts of a new engine during the break-in period.
- Compensates wear and tear of the parts during their operating life.
- Creates an active overload and overheating protection system for the parts.
- Improves lubricating properties of oil and tribological characteristics of engine units.
- Reduces fuel consumption.
- Increases engine power and acceleration capability.
- Reduces noise and vibration.
- Extends the life span of the engine.
- Ensures antiwear protection of the engine for 100,000 km (62,000 miles) of run.

225 ml
Art. XA 40009
Can

225 ml
Art. XA 40209
Can, Box

225 ml
Art. XA 40409
Gift set:
Can, Key chain



As a result of application of the product a partial revitalization of the engine was accomplished.



Atomic Metal Conditioner XADO Tuning

The product is designed for precise adjustment (tuning) of friction parts to each other in order to provide minimum friction loss and maximum life span.

Advantages

- Provides reliable protection in heavy-loaded operation modes.
- Offers additional antiwear protection for your engine during its cold start at low ambient temperatures.

Note

For turbocharged and high-powered engines it is recommended to use the product during every oil change.

To achieve the complete revitalization it is recommended to use XADO Maximum 1 Stage (RF 100).

225 ml
Art. XA 40010
Can

225 ml
Art. XA 40210
Can, Box

225 ml
Art. XA 40410
Gift set:
Can, Key chain

As a result of application of the product the engine is reliably protected from current wear and tear.



Atomic Metal Conditioner XADO HighWay

The product is specially designed for engine protection in high-speed and heavy-loaded operation modes.

Advantages

- Improves lubricating properties of oil.
- Compensates current wear of engine parts.

Note

It is recommended to use the product during each oil change.

To achieve the complete revitalization it is recommended to use XADO Maximum 1 Stage (RF 100).



27 ml
Art. XA 10024

As a result of the product application the engine has passed a complete revitalization cycle; it is restored to the full extent and securely protected from wear for 100,000 km (62,000 miles) of run.



27 ml
Art. XA 10026

As a result of application of the product the engine has passed a complete revitalization cycle; it is restored to the full extent and securely protected from wear for 100,000 km (62,000 miles) of run.



Gel-Revitalizant for engines XADO 1 Stage

The product is designed for restoring repair of gasoline, LPG and diesel engines without their disassembly as well as for their guaranteed antiwear protection.

Application

1. Introduce the compound into the oil-filler of the engine warmed up to the operating temperature.
2. Start the engine and let it idle for 3-5 minutes.

Note

XADO 1 Stage is effective for engines of motor cars and small trucks with the oil system capacity of up to 10 L.

The treatment is considered to be completed after 1,000 km (620 miles) of run. It is recommended to avoid oil changing until the treatment has been completed.

Advantages

- Restores friction surfaces, protects and strengthens engine parts.
- Increases and equalizes compression in cylinders.
- Increases engine power and acceleration capability.
- Reduces fuel consumption.
- Increases pressure in the engine lubrication system up to nominal values.
- Extends the life span of engine units by 2 to 4 times.
- Protects from negative consequences of the cold start.
- Reduces noise and vibration.

Gel-Revitalizant for manual transmissions XADO 1 Stage Transmission

The product is designed for restoring repair, antiwear protection and life span extension of units and assemblies of manual transmissions of a vehicle: manual and robotized gearboxes, transfer cases and differentials.

Application

1. Introduce the compound into the oil-filler (the vent of the oil gauge rod) of the gearbox mechanism warmed up to the operating temperature.
2. Provide idling of the mechanism or drive the car for 3-5 minutes.

The treatment is considered to be completed after at least 1,000 km (620 miles) of run.

Note

The product is effective for transmission units with the oil system capacity of 3 to 4 L.

Advantages

- Restores friction surfaces, protects and strengthens them.
- Forms a ceramic-metal coating with unique properties on surfaces of toothed gears and bearings.
- Eliminates cavities and scratches on operating surfaces.
- Optimizes contact patterns in engagements.
- Reduces noise and vibrations of units.
- Increases gear shifting accuracy.
- Improves operation of synchronizers.
- Provides fuel economy.
- Protects the unit under extreme conditions (in case of catastrophic oil loss).
- Ensures optimal conditions for break-in of a new mechanism.



NEW

8 ml
Art. XA 10035
syringe in blister
package

8 ml
Art. XA 11035
syringe
package for
service stations

XADO Revitalizant EX120 for gasoline and LPG engines

The product is designed for restoring repair and antiwear protection of gasoline and LPG engines including high-powered and turbocharged ones.

The revitalizants possess increased effectiveness rate and 120% concentration of the active agent as compared with classic revitalizants in tubes. Due to the improved formula and amplified action they have enhanced their protective and restoring properties. The revitalizants are distinguished by their convenient package (syringes). A budget product.

Advantages

- Restores and protects friction parts of the cylinder-piston group, cranking and gas distribution mechanism from wear and tear.
- Considerably reduces fuel consumption (down to 30% when idling).
- Increases oil pressure in the oil system up to the nominal values.
- Equalizes and increases compression in cylinders.
- Increases power of the engine, improves its acceleration capability.
- Reduces noise and vibrations by 10 times.
- Extends the life span of units by 2-3 times.
- Protects the engine from negative consequences of the cold start.
- Improves engine operation already after 50 - 100 km (30 - 60 miles).
- Allows continuing engine operation within 300 km (180 miles) in case of catastrophic oil loss.



NEW

8 ml
Art. XA 10034
syringe in blister
package

8 ml
Art. XA 11034
syringe
package for
service stations

XADO Revitalizant EX120 for diesel engines

The product is designed for restoring repair and antiwear protection of diesel engines including high-powered and turbocharged ones.

Application

The treatment of the engine is to be carried out in 3 stages:

1st Stage

Introduce the contents of the syringe into the oil filler neck of the engine warmed up to the operating temperature. Start the engine and let it idle for 5-10 minutes.

2nd Stage

It is to be carried out in the same way after 100 - 250 km (60 - 150 miles) of run.

3rd Stage

It is to be carried out in the same way after 100 - 250 km (60 - 150 miles) of run.

The treatment is considered to be completed after 1,500 km (900 miles) km of run.

Dosage

Oil system capacity (L)	3-10	11-20	21-30
Quantity of 8 ml syringes, pcs	3	6	9
Treatment pattern	1+1+1	2+2+2	3+3+3
Quantity of syringes for new engines	2	4	6

Note

It is not recommended to change oil until the treatment has been completed. New engines with less than 20,000 km (12,500 miles) of run are to be treated in one stage.

It is recommended to treat overhauled engines in 3 stages according to the normal procedure.

Treatment of engines running on LPG is the same as for gasoline engines.

The protective ceramic-metal coating is formed on any operable mechanism, however, if the mechanism (engine) is in critical state (100% wear), it is required to replace destroyed parts.



8 ml
Art. XA 10030
syringe in blister
package

8 ml
Art. XA 11030
syringe
package for
service stations



8 ml
Art. XA 10031
syringe in blister
package

8 ml
Art. XA 11031
syringe
package for
service stations

XADO Revitalizant EX120

for gear boxes, transfer cases and differentials

The product is designed for antiwear protection and restoring repair of manual transmission units.

During the treatment of manual transmission units the product forms a ceramic-metal coating on surfaces of their gears, shafts, bearings, synchronizers and other metal parts. It results in restoration of parts' geometry.

The revitalizant is universally applied for manual, robotized, sequential gearboxes, including Direct Shift gearboxes, transfer cases and axles (differentials).

Application

1. Introduce the needed amount of revitalizant into the oil-filler (vent of the oil gauge rod) of your gearbox, transfer case or axle gearbox.
2. Operate the engine as you normally do.

The treatment is considered to be completed after 50 hours of mechanism operation or 1,500 km (900 miles) of run.

Dosage

Oil system capacity (L)	1–2	2–5	5–8
Quantity of 8 ml syringes, pcs	1	2	3
Treatment pattern	single-stage		

Note

A typical sign for beginning of the revitalization process is noise reduction during operation of the mechanism starting from the first kilometers/miles of run after the treatment. If the mechanism suddenly stops improving its operation, it may witness its considerable wear rate – the recommended dosage should be doubled. If no operation improvements can be observed after 100 - 200 km (60 - 125 miles) of run, the most probable reason for that is false diagnostics.

The revitalizant is compatible with all types of oils for manual transmissions. It does not enter into chemical reactions with them, does not change their viscosity and other physical and chemical properties.

Advantages

- Eliminates cavities and scratches on operating surfaces.
- Optimizes contact patterns in gear engagements.
- Provides considerable fuel savings (especially for all-wheel drive vehicles).
- Reduces noise and vibrations of units by 10 times.
- Increases gear shifting accuracy.
- Improves operation accuracy of synchronizers.
- Allows durable and safe operation of transmission units (up to 1,000 km (600 miles) of run) in case of catastrophic oil loss.

XADO Revitalizant EX120

for automatic transmissions

The product is designed for antiwear protection and restoring repair of automatic transmissions (automatic gearboxes).

During the treatment of an automatic gearbox the product forms a ceramic-metal coating on surfaces of its metal parts (gears, bearings, distributors, clutches). As a result the geometry of parts is restored.

The revitalizant is universally applied for all types of automatic transmissions including Tiptronic®, Steptronic®, CVT etc.

Application

1. Introduce the needed amount of revitalizant into the oil-filler neck (vent of the oil gauge rod) of the automatic gearbox.
2. Operate your car as you normally do.

The treatment is considered to be completed after 50 hours of mechanism operation or 1,500 km (900 miles) of run.

Dosage

Oil system capacity (L)	5–8	9–12	13–15
Quantity of 8 ml-syringes, pcs	1	2	3
Treatment pattern	single-stage		

Note

A typical sign for beginning of the revitalization process is improvement in operation of the automatic gearbox (noise reduction, smoother gear shifting) starting from the first kilometers of run after the treatment.

The revitalizant is compatible with all types of fluids for automatic transmissions: Dexron®, Mercon®, Mopar®, CVT etc. It does not enter into chemical reactions with them, does not change their viscosity and other physical and chemical properties.

Advantages

- Restores and protects metal friction parts from wear and tear.
- Eliminates surface defects.
- Increases operation reliability and extends the life span of steering mechanisms.
- Damps extreme loads.
- Protects parts from wear in case of a low oil level.



8 ml
Art. XA 10032
syringe in blister
package

8 ml
Art. XA 11032
syringe
package for
service stations

XADO Revitalizant EX120

for power steering booster and other hydraulic equipment

The product is designed for antiwear protection and restoring repair of power steering booster and other hydraulic equipment.

During treatment of hydraulic system units it forms a protective ceramic-metal coating on parts' surfaces of pumping, execution units and distributors (slide valves).

It results in restoration of performance parameters of hydraulic equipment.

Advantages

- Eliminates pump howling caused by wear and tear.
- Reduces the steering force.
- Increases operation accuracy of the power steering within just 50 - 100 km (30 - 60 miles) after the application.
- Reduces noise and vibrations of the hydraulic pump.
- Protects parts from wear in case of a low oil level.

Note

A typical sign for beginning of the revitalization process is improvement in operation of the steering mechanism (reduction of the steering force and noise, operation accuracy) starting from the first kilometers/miles of run after the treatment.

Application

Treatment of a unit with hydraulic system capacity of 1-2 L.

1. Introduce the contents of the syringe * in the fluid, which is warmed up to the operating temperature, in the tank of a power steering pump.
2. After the revitalizant is applied and the engine is turned on, wait 2-3 minutes and turn the steering wheel for 5 minutes.
3. Revitalization is considered complete after the mechanism has been in operation for 50 hours (or 1,500 km or 950 miles of run).

Dosage

Hydraulic system capacity (L)	1-2	2-5	5-8
Quantity of 8 ml syringes, ml	1	2	3
Treatment pattern	single-stage		

* It is recommended preliminary to dissolve the contents of the syringe in small amount (~ 50 ml) of used hydraulic fluid. If the fluid in the tank of a power steering pump is contaminated (opaque or has change its initial color etc.), it is recommended to change hydraulic fluid before application.



8 ml
Art. XA 10033
syringe in blister
package

8 ml
Art. XA 11033
syringe
package for
service stations

XADO Revitalizant EX120

for all types of fuel equipment and fuel injection systems

The product is designed for antiwear protection and restoring repair of all types of fuel equipment of gasoline and diesel engines.

During the treatment of fuel pumps it forms a protective ceramic-metal coating on surfaces of metal friction parts. This results in restoration of parts' geometry. The revitalizant is universally used for all types of fuel systems including K-1KE-1L-Jetronic, Common Rail, Pumpe Düse and others.

Advantages

- Restores geometry and protects friction parts of all types of fuel pumps, injectors and pump-injector units from wear.
- Reliably protects from low-quality fuel.
- Decreases fuel consumption.
- Reduces noise and vibrations.
- Lowers the amount of toxic components in exhausts.

Application

1. Introduce the needed amount of gel-revitalizant into the fuel tank containing minimum amount of fuel.
2. Fill the tank with 40 L of fuel.
3. Drive your car as you normally do.
4. The treatment is considered to be completed after about 100 hours of mechanism operation or 3000 km (1800 miles) of run.

Dosage

Cubic capacity of the engine, L	0-5	5-15	15-30
Quantity of 8 ml syringes, pcs	1	2	3
Treatment pattern	single-stage		

Note

Before application it is recommended to clean the engine fuel system. Supplementary (extra) filter facilities may reduce the effectiveness of revitalization.

Classic revitalizant in a tube. It possesses all the necessary and sufficient properties to restore and protect mechanisms. A budget product. The first of XADO revitalizants that was officially certified by TÜV.

Diesel:

- 9 ml**
Art. XA 10102
tube in blister package
- 9 ml**
Art. XA 10002
tube
- 10 ml**
Art. XA 10602
aerosol can in blister package
- 10 ml**
Art. XA 10502
aerosol can
- 3×9 ml**
Art. XA 10202
3 tubes in a gift package



Gasoline:

- 9 ml**
Art. XA 10101
tube in blister package
- 9 ml**
Art. XA 10001
tube
- 10 ml**
Art. XA 10601
aerosol can in blister package
- 10 ml**
Art. XA 10501
aerosol can
- 3×9 ml**
Art. XA 10201
3 tubes in a gift package

XADO Gel-Revitalizant for engines

The product is designed for antiwear protection and restoring repair of gasoline and diesel engines without their disassembly.

Application

The treatment of an engine is to be carried out in 3 stages:

1st Stage

Introduce (spray) the contents of a tube (can) into the oil filler neck of the engine warmed up to the operating temperature. Start the engine and let it idle for 5 – 10 minutes.

2nd Stage

It is to be carried out in the same sequence after 100 – 250 km (60 - 150 miles) of run.

3rd Stage

It is to be carried out in the same sequence after 100 – 250 km (60 – 150 miles) of run. The treatment is considered to be completed after 1,500 km (900 miles) of run.

Dosage

Oil system capacity, L	3–10	11–20	21–30
Quantity of tubes (cans), pcs	3	6	9
Stage-by-stage treatment pattern	1+1+1	2+2+2	3+3+3
Quantity of tubes (cans) for new engines	2	4	6

Note

New engines with less than 20,000 km (12,500 miles) of run are to be treated in one stage. It is recommended to treat overhauled engines in 3 stages according to the normal procedure.

Treatment of engines running on LPG is the same as for gasoline engines.

XADO Gel-Revitalizant for gearboxes

The product is designed for restoring repair of gearboxes, transfer cases, axles (differentials) and their antiwear protection.

Application

1. Introduce the needed amount of revitalizant into the oil-filler (vent of the oil gauge rod) of the gearbox, transfer case or axle gearbox.
2. Drive your car as you normally do.

The treatment is considered to be completed after 50 hours of mechanism operation or 1,500 km (900 miles) of run.

Dosage

Oil system capacity (L)	1–2	2–5	5–8
Quantity of tubes (cans), pcs	1	2	3

XADO Gel-Revitalizant for automatic transmissions

The product is designed for restoring repair and antiwear protection of automatic gearboxes.

Application

1. Spray the required amount of gel-revitalizant into the oil filler neck (vent of the oil gauge rod) of the automatic gearbox.
2. The treatment is considered to be completed after 50 hours of mechanism operation or 1,500 km (900 miles) of run.

Dosage

Oil system capacity (L)	5–8	9–12	13–15
Quantity of tubes (cans), pcs	1	2	3



- 9 ml**
Art. XA 10003
tube
- 9 ml**
Art. XA 10103
tube in blister
- 3×9 ml**
Art. XA 10203
3 tubes in a gift package
- 10 ml**
Art. XA 10503
aerosol can
- 10 ml**
Art. XA 10603
aerosol can in blister package



- 10 ml**
Art. XA 10615
aerosol can in blister package
- 10 ml**
Art. XA 10515
aerosol can

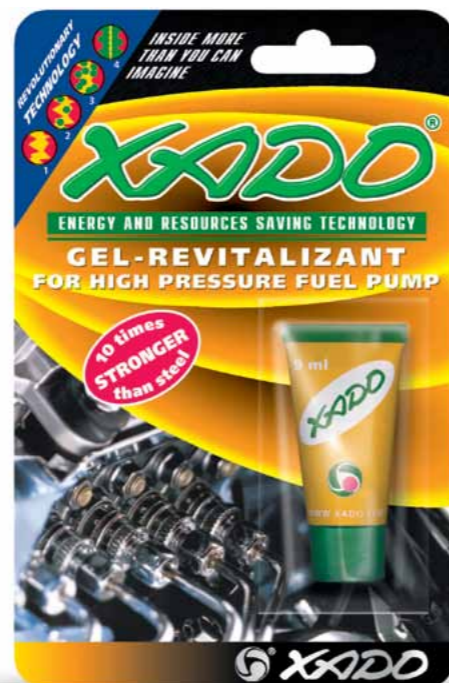
XADO Gel-Revitalizant for fuel equipment

The product is designed for antiwear protection and restoring repair of fuel equipment (fuel pumps of all types, injectors and pump-injector units).

Application

The sequence of treatment for fuel equipment of an engine with up to 5 L cubic capacity

1. Introduce (spray) the contents of the tube (can) into the fuel tank with minimum amount of fuel.
2. Fill the tank with 40 L of fuel.
3. Drive your vehicle as you normally do.
4. The treatment is considered to be completed after 3,000 km (1800 miles) of run.



Diesel:

9 ml
Art. XA 10008
tube

9 ml
Art. XA 10108
tube in blister
package

10 ml
Art. XA 10508
aerosol can

Gasoline:

10 ml
Art. XA 10518
aerosol can

XADO Gel-Revitalizant for cylinders

The product is designed for restoring repair of the engine cylinder-piston group. It is recommended to use the product as a supplement (booster) for selective revitalization of cylinders having a considerable wear rate and/or surface defects.

Application

Gel-Revitalizant is to be introduced through the spark plug hole (injector or glowplug hole) immediately onto cylinder walls.

Dosage

- 1 tube (can 10 ml) – for 1 cylinder
- 1 can 40 ml – for 4 cylinders



9 ml
Art. XA 10005
tube

9 ml
Art. XA 10105
tube in blister
package

10 ml
Art. XA 10505
aerosol can

40 ml
Art. XA 10605
aerosol can

XADO Gel-Revitalizant for power steering booster

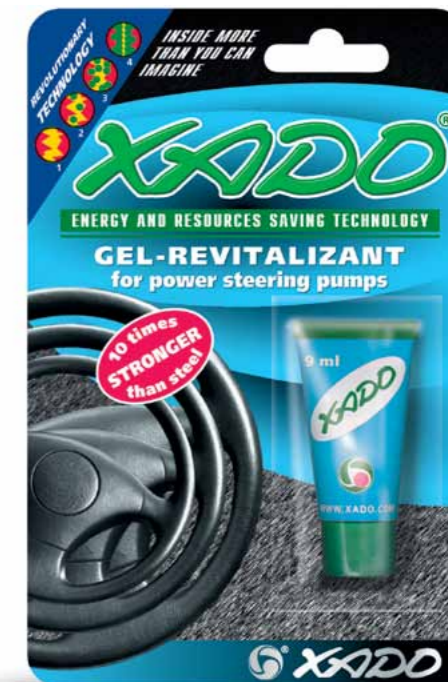
The product is designed for antiwear protection and restoring repair of the power steering booster and other hydraulic equipment.

Application

Treatment of a unit with 1 -2 L hydraulic system capacity

1. Introduce (spray) the contents of a tube (can)* in the fluid, which is warmed up to the operating temperature, in the tank of a power steering pump.
2. After the revitalizant is applied and the engine is turned on, wait 2-3 minutes and turn the steering wheel for 5 minutes.
3. Revitalization is considered complete after the mechanism has been in operation for 50 hours (or 1,500 km or 950 miles of run).

* It is recommended preliminary to dissolve the contents of the can (tube) in small amount (~ 50 ml) of used hydraulic fluid. If the fluid in the tank of a power steering pump is contaminated (opaque or has change its initial color etc.), it is recommended to change hydraulic fluid before application.



9 ml
Art. XA 10004
tube

9 ml
Art. XA 10104
tube in blister
package

10 ml
Art. XA 10504
aerosol can

XADO Gel-Revitalizant for small engines and motor equipment

The product is designed for restoring repair and antiwear protection of small engines with up to 1,000 cm³ engine capacity.

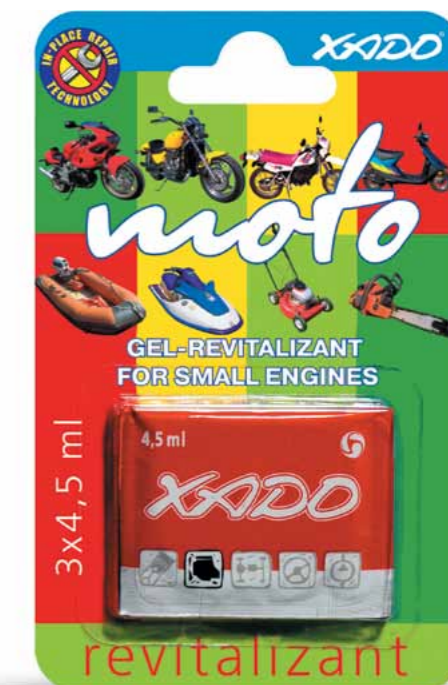
It is used for motorbikes, motorcycles, snowmobiles, water motor equipment and household appliances (lawn movers, petrol-powered saws etc.). Ensures a triple effect – repair, protection and economy.

Application

Gel-Revitalizant is to be added to fuel (mixed lubrication) or to oil (separate lubrication).

Dosage

- 3 sachets (4.5 ml) — for a three-stage treatment
- 1 can (10 ml) — for a two-stage treatment



4,5 ml
Art. XA 10009
sachet

10 ml
Art. XA 10511
aerosol can

3 x 4,5 ml
Art. XA 10111
blister package
(3 sachets)

XADO Atomic Oils

Application of XADO oils is a guarantee for a long operating life of your engine and maintaining its technical state in a like-new condition. This is prevention of mechanism aging.



The main distinctive feature of XADO oils is the presence of atomic revitalizant among their components

Now, the oil fulfills the following functions:

- Compensates current wear of parts
- Increases operation reliability of the engine and extends its life span
- Maintains friction surfaces in a perfect state
- Allows avoiding metal losses during the break-in period and throughout the entire operating life
- Reduces fuel consumption
- Damps extreme loads
- Reduces noise and vibrations
- Protects the engine in case by cold start

Oil change intervals

The oil change intervals depend on the engine design, its operation conditions and oil quality. These intervals are set by car manufacturers. The oils with extended change intervals are called Longlife oils. XADO oils ensure extra extended change intervals:

Up to **30,000 km**



for passenger cars with gasoline engines

XADO 0W-40 SL/CF, VW 503.01

Up to **50,000 km**



for passenger cars with diesel engines

XADO 5W-40 SL/CF City Line, GM-LL-B-025

Up to **150,000 km**



for trucks

XADO 10W-40 Diesel Truck, MB 228.5

The compression, power, efficiency of the engine will always be maintained at the highest level due to action of the patented formula of atomic revitalizant contained in XADO Atomic Oils.

About base oils and additives

Traditionally, consumers distinguish oils according to the type of their base. When manufacturing of XADO oils, we use the world's best base oils:

- Refined mineral oils;
- Semi-synthetic oils produced by using the hydrocracking synthesis;
- Synthetic oils based on synthetic hydrocarbons (polyalphaolefins) and esters.

XADO synthetic oils possess the best quality (the highest level of service properties).

The mandatory component of the oils is an additives package. The additives improve properties of the base oil. When manufacturing XADO oils, we use the most up-to-date additives packages of such leading manufacturers as Lubrizol, Oronite, Infineum.

A combination of the best base oils and exclusive additives packages made it possible for us to create the best motor and transmission oils. But it is the atomic revitalizant that makes XADO oils just unsurpassed.

About oil quality

The oil quality (level of performance properties) is determined by the requirements of American Petroleum Institute (API) and European Automobile Manufacturers' Association (ACEA), by specifications of such car manufacturers as VW, MB, Opel (GM) and others.

All the car manufacturers have their quality requirements which the oils should meet. The requirements are specified in the warranty and service book of a vehicle, for example, API SL, ACEA A3/B4, VW 502 00. All the XADO oils not only meet but even exceed the modern requirements.



Each oil package has a marking defining the requirements met by that oil.

Double tamper-evident oil cup nozzle

The first number before symbol "W" is an indicator of low-temperature viscosity properties of the oil. The lower this number is, the faster the oil will get to all the lubrication points of the engine at low temperatures, and the easier the engine start will be. The second number indicates oil viscosity at operating temperatures. The larger it is, the more reliably the engine will be lubricated and protected.

«Minus 35» Rule

Subtract 35 from the first viscosity number and you'll get the threshold temperature at which the engine can be easily started when using this oil. For example, the oil with SAE 10W-40 viscosity grade can be used at a temperature up to -25 °C. (10-35= -25 °C).

How to make sure that the oil you're purchasing is the original XADO product?

XADO oils are packed in tin cans with original design. Such a package provides reliable counterfeit protection and confirms product originality. Besides, each can has a double tamper-evident oil cup nozzle. That allows easy package integrity checking.

About oil viscosity

One of the key characteristics of oils is their viscosity. It is the degree of oil consistency that determines both easy engine start at low temperatures and reliable lubrication of engine parts in various operation modes.

In order to identify motor oils pursuant to their viscosity the specialists use the marking of American Society of Automotive Engineers (SAE). Thus, the viscosity of the most popular among car owners semi-synthetic oil is indicated as SAE 10W-40.

All XADO motor oils contain aromatizer among their components. When pouring the oils into the engine, their smell makes it possible to distinguish between XADO oils and oils produced by other manufacturers.

XADO Atomic Oil 0W-20 SN

Easy-flowing, energy-saving synthetic motor oil of a new generation. Contains atomic revitalizant. The oil is applied to gasoline engines of passenger cars.



Application temperature range
-35 °C — +45 °C

Advantages

- Developed for modern (manufactured after 2010) American and Japanese cars which require application of low-viscosity oils with the highest performance properties.
- Specially designed for cars requiring oils with SAE 0W-20 viscosity grade (Honda, Acura).
- Provides reliable lubrication and protection of engines having a high specific power including multivalve and turbocharged ones, engines with intercooling of forced air or those with direct injection, requiring extended oil change intervals.
- Can be used in hybrid cars, in cars running on biofuel with up to 85% ethanol content (B85).
- Owing to the reduced high-temperature viscosity which corresponds to SAE 20 viscosity grade, the oil provides up to 3% fuel savings as compared with oils having SAE xW-40 viscosity grade and up to 1.5% fuel savings as compared to oils with SAE xW-30 viscosity grade.



1 L Art. XA 20167 | 4 L Art. XA 20267 | 20 L Art. XA 20567

60 L Art. XA 20667 | 200 L Art. XA 20767

Package: 1 and 4 L — a can; 20 L — a bucket; 60 and 200 L — a barrel.

Requirements and approvals

Meets the requirements of the following specifications:

- SAE 0W-20
- API SN
- ILSAC GF-5



The oil is officially licensed by **American Petroleum Institute (API)**. It meets the highest requirements to oils for gasoline engines in terms of its performance properties (**API SN**) and resource and energy saving (**ILSAC GF-5**).

XADO Atomic Oil 5W-30 SN Extra Drive

Easy-flowing synthetic motor oil of a new generation. Contains atomic revitalizant. The oil is applied to gasoline and diesel engines of passenger cars and small trucks.



Application temperature range
-30 °C — +45 °C

Advantages

- Developed for modern (manufactured after 2010) European and American cars which require application of oils with the highest performance properties.
- Especially recommended for engines of GM, MB and BMW vehicles with Euro 4 (5) toxicity standards and extended oil change intervals.
- Reliably lubricates and protects engines with a high specific power including multivalve, turbocharged ones, engines with intercooling of forced air and those with direct injection.
- Suitable for diesel engines with an accumulator injection system (Common Rail) as well as a unit-injector injection system (Pumpe-Düse), meets the requirements of VW 505.01, Ford M2C-917A.
- Manufactured according to "mid SAPS" technology and ensures an extended life span of catalyst converters and diesel particulate filters (DPF).



1 L Art. XA 20168 | 4 L Art. XA 20268 | 20 L Art. XA 20568

60 L Art. XA 20668 | 200 L Art. XA 20768

Package: 1 and 4 L — a can; 20 L — a bucket; 60 and 200 L — a barrel.

Requirements and approvals

Meets the requirements of the following specifications:

- SAE 5W-30
- API SN
- ACEA A3/B4, C3



The oil is officially licensed by **American Petroleum Institute (API)**. It meets the highest requirements to oils for gasoline engines in terms of its performance properties (**API SN**).

Meets the requirements of the manufacturer approvals:

- GM dexos 2
- VW 502.00/505.00/505.01
- MB 229.31/229.51
- BMW LL-04
- Ford M2C-917A

XADO Atomic Oil 5W-40 SN Extra Drive

Synthetic motor oil of a new generation. Contains atomic revitalizant.
The oil is applied to gasoline and diesel engines of passenger cars and light trucks.



1 L | **4 L** | **20 L**
Art. XA 20169 | Art. XA 20269 | Art. XA 20569

60 L | **200 L**
Art. XA 20669 | Art. XA 20769

Package: 1 and 4 L — a can; 20 L — a bucket;
60 and 200 L — a barrel.

Requirements and approvals

Meets the requirements of the following specifications:

- SAE 5W-40
- ACEA A3/B4
- API SN



The oil is officially licensed by **American Petroleum Institute (API)**. It meets the highest requirements to oils for gasoline engines in terms of its performance properties (**API SN**).

Meets the requirements of the manufacturer approvals:

- VW 502.00 / 505.00
- MB 229.1/229.3
- Renault RN 0700 / RN 0710
- Porsche A40
- BMW LL-01
- GM-LL-B-025



Advantages

- Developed for modern (manufactured after 2010) European and American cars which require application of oils with the highest performance properties.
- Has the highest American specification to motor oils for gasoline engines of passenger cars – API SN.
- Reliably protects engines with a high specific power including multivalve, turbocharged ones, engines with intercooling of forced air and those with direct injection.
- Provides effective lubrication of the engine and its trouble-free operation with extended service intervals.
- Makes engine operation smooth and easy when driving inside the city or on the highway, regardless of the season.
- Extends the service life of additional exhaust gas purification units (catalyst converters, particulate filters).

XADO Atomic Oil 10W-40 SN Extra Drive

Semi-synthetic motor oil of a new generation. Contains atomic revitalizant.
The oil is applied to gasoline and diesel engines of passenger cars and light trucks.



1 L | **4 L** | **20 L**
Art. XA 20170 | Art. XA 20270 | Art. XA 20570

60 L | **200 L**
Art. XA 20670 | Art. XA 20770

Package: 1 and 4 L — a can; 20 L — a bucket;
60 and 200 L — a barrel.

Requirements and approvals

Meets the requirements of the following specifications:

- SAE 10W-40
- ACEA A3/B4
- API SN



The oil is officially licensed by **American Petroleum Institute (API)**. It meets the highest requirements to oils for gasoline engines in terms of its performance properties (**API SN**).

Meets the requirements of the manufacturer approvals:

- VW 502.00/505.00
- Renault RN 0700
- MB 229.3



Advantages

- Developed for modern (manufactured after 2010) European and American cars which require application of oils with the highest performance properties.
- Has the highest American specification to motor oils for gasoline engines of passenger cars – API SN.
- Reliably protects engines with a high specific power including multivalve, turbocharged ones, engines with intercooling of forced air and those with direct injection.
- Provides reliable lubrication and protection of the engine in durable loaded operation modes (driving on the highway with a maximum speed, cargo transportation).
- Effective in dynamic operation modes (frequent speed-ups and slowdowns when driving through the city).
- Retains permanently high performance properties at extended oil change intervals.

XADO Atomic Oil 0W-30 SL/CF

Synthetic easy-flowing oil of an extra class. It is manufactured on the base of complex synthetic base oils containing esters and polyalphaolefins. Contains atomic revitalizant.

Application temperature range

-35 °C — +45 °C

Advantages

- Ensures impeccable operation of gasoline, LPG and diesel engines of passenger cars in all operation modes; indispensable for adherents of a confident and dynamic driving style.
- Perfectly suits for modern multivalve turbocharged engines including those with intercooling of forced air.
- Especially recommended for engines with extended oil change intervals; retains its unique protective properties even under conditions of extended service intervals (oil changing after 30,000 km (18,500 miles) of run – VW 503.01).
- The best oil for engines of American vehicles including land rovers where easy-flowing oils (with low high-temperature viscosity SAE 30) are applied.
- Possesses a strong adhesion (adherence), i.e. there is always a thin protective oil film on lubricated parts; the oil does not trickle down into the crankcase to the full extent.
- Due to its high fluidity rate the oil possesses excellent energy-saving properties, thus considerably reducing fuel consumption.
- Even at the lowest temperatures (up to – 35 °C) the oil very quickly reaches all the parts to be lubricated and makes the engine start extremely easy.
- Accurately maintains an optimal pressure in the lubricating system.
- Keeps the engine perfectly clean.



1L Art. XA 20101 | **4L** Art. XA 20201 | **5L** Art. XA 20301 | **20L** Art. XA 28501

60L Art. XA 20601 | **200L** Art. XA 20701

Package: 1 to 5 L; 20 L — a bucket; 60 and 200 L — a barrel.

Requirements and approvals

Meets the requirements of the following specifications:

- SAE 0W-30
- ACEA A3/B4
- API SL/CF



The oil is officially licensed by **American Petroleum Institute (API)** for its compliance with the highest requirements to oils for gasoline engines of passenger cars (**API SL**) and the requirements to oils for diesel engines (**API CF**).

Meets the requirements of the manufacturer approvals:

- VW 503.01
- VW 502.00/505.00
- BMW Longlife
- Porsche
- MB 229.3, 229.1

XADO Atomic Oil 5W-30 SM/CF Nova Drive

Ultra modern easy-flowing synthetic motor oil. Contains atomic revitalizant. Application temperature range.

Application temperature range

-30 °C — +45 °C

Advantages

- The oil has the highest American specification to motor oils for gasoline engines of passenger cars – API SM, it is officially licensed at API (American Petroleum Institute).
- Manufactured according to “mid SAPS” technology and ensures an extended life span of catalyst converters and diesel particulate filters (DPF).
- Meets the requirements of the new European quality standard – ACEA C3 (oils of the highest performance category with a medium level of sulphated ash, sulphur and phosphorus).
- Recommended for application to Euro 4 engines (approval MB 229.31).
- The oil is distinguished by its highest level of performance properties. It ensures the highest grade of protection and reliable operation of engines.
- This is a “longlife” oil used in engines with extended oil change intervals.



1L Art. XA 20105 | **4L** Art. XA 20205 | **20L** Art. XA 28505

60L Art. XA 20605 | **200L** Art. XA 20705

Package: 1 and 4 L — a can; 20 L — a bucket; 60 and 200 L — a barrel.

Requirements and approvals

Meets the requirements of the following specifications:

- SAE 5W-30
- ACEA A3/B4/C3
- API SM/CF



The oil is officially licensed by **American Petroleum Institute (API)** for its compliance with the highest requirements to oils for gasoline engines of passenger cars (**API SM**) and the requirements to oils for diesel engines (**API CF**).

Meets the requirements of the manufacturer approvals:

- VW 502.00/505.00
- BMW Longlife-04
- MB 229.3, 229.31

XADO Atomic Oil 5W-30 504/507

Synthetic easy-flowing motor oil, meets the requirements of VW 504.00/507.00.
Contains atomic revitalizant.



Application temperature range
-30 °C — +45 °C

Advantages

- Specially developed for universal application to gasoline and diesel engines of passenger cars and small trucks of the Volkswagen-Audi group (including Seat and Skoda).
- Ensures extra extended service intervals (up to 30,000 km (18,500 miles) for gasoline engines and up to 50,000 km (31,000 miles) for diesel engines).
- Manufactured according to "mid SAPS" technology using an additives package with low contents of phosphorus, sulphur and sulphated ash. Prevents clogging of the particulate filter and catalyst converter, extends their service life.
- Ensures secure and reliable lubrication and protection of modern engines (with turbocharging, direct injection, Euro 4 (5) and others).

* Suitable for application in vehicles where oils with the requirements of VW 503.00, 506.00, 506.01, 505.01, 502.00, 500.00, 501.01 and 505.00 should be used. The product is not recommended for R5 and V10 engines manufactured before 2007. For these engines it is recommended to use oils with VW 506.01 specification.



1 L Art. XA 20140 | **4 L** Art. XA 20240 | **20 L** Art. XA 20540

60 L Art. XA 20640 | **200 L** Art. XA 20740

Package: 1 and 4 L — a can; 20 L — a bucket; 60 and 200 L — a barrel.

Requirements and approvals

Meets the requirements of the following specifications:

- SAE 5W-30
- ACEA A3/B4/C3
- API SM/CF

Meets the requirements of the manufacturer approvals:

- VW 504.00/507.00
- Porsche C30
- BMW Longlife-04

XADO Atomic Oil 5W-30 A5/B5

Synthetic easy-flowing energy-saving motor oil, meets the requirements of ACEA A5/B5/C1.
Contains atomic revitalizant.



Application temperature range
-30 °C — +45 °C

Advantages

- Meets the requirements of the new European quality standard for motor oils – ACEA C1.*
- It is applied as all-season oil to gasoline, LPG and diesel engines of passenger cars and light trucks where energy-saving oils with reduced high-temperature viscosity (HTHS=2.9...3.5 mPa.s) should be used.
- Recommended for application to Euro 4 (5) engines, extends the service life of particulate filters and catalyst converters.
- Applied to engines of Ford's passenger cars where oils with the requirements of Ford M2C-934A are recommended.
- Especially effective for engines of Mazda and Volvo passenger cars where application of Low SAPS oils is prescribed.
- Protects from corrosion and aging, dirt and soot during extra extended oil change intervals.
- Provides more than 2.5% fuel savings in comparison to traditional (non-energy saving) oils with SAE 5W-30 viscosity grade.

* ACEA C1 – energy-saving oils of the highest performance category with low contents of sulphated ash, sulphur and phosphorus – Low SAPS oils.



20 L Art. XA 20541 | **60 L** Art. XA 20641 | **200 L** Art. XA 20741

Package: 20 L — a bucket; 60 and 200 L — a barrel.

Requirements and approvals

Meets the requirements of the following specifications:

- SAE 5W-30
- JASO DL-1 (05)
- ACEA A1/B1, A5/B5/C1

Meets the requirements of the manufacturer approvals:

- Ford M2C-934A

XADO Atomic Oil 0W-40 SL/CF

Synthetic oil of an extra class. It is manufactured on the base of complex synthetic base oils containing esters and polyalphaolefins. Contains atomic revitalizant.

Application temperature range

-35 °C — **+45 °C**



Advantages

- Particularly effective for modern passenger cars with high-powered engines including those equipped with turbocharging unit or intercooling of forced air as well as for advanced models of diesel engines with direct fuel injection (like DI).
- Guaranties engine protection in high-speed operation modes. Perfectly maintains the sport driving style.
- The oil is indispensable during new engine break-in periods because it significantly reduces wear and tear of engine parts during their adjustment to each other.
- Possesses unique protective properties which remain stable even under conditions of extended oil change intervals specified in the requirements of VW 503.01 approval (oil changing after 30,000 km (18,500 miles) of run).
- Gently cares for your engine and keeps its parts perfectly clean.
- Guarantees easy engine starting at any extremely low (arctic) temperatures.
- Reliably protects the engine in case of critical loads (maximum rotation frequency, overheating, mountain climbing, cross-country all-wheel driving, rallies, trophies etc.).

1L | **4L** | **20L**
Art. XA 20102 | Art. XA 20202 | Art. XA 28502

60L | **200L**
Art. XA 20602 | Art. XA 20702

Package: 1 and 4 L — a can; 20 L — a bucket;
60 and 200 L — a barrel.

Requirements and approvals

Meets the requirements of the following specifications:

- SAE 0W-40
- ACEA A3/B4
- API SL/CF

Meets the requirements of the manufacturer approvals:

- VW 503.01
- VW 502.00/505.00
- BMW Longlife
- Porsche
- MB 229.3, 229.1

XADO Atomic Oil 0W-40 SL/CF Arctic

Arctic synthetic motor oil. Specially designed for engines operated at extremely low ambient temperatures. Contains atomic revitalizant.



Application temperature range

-42 °C — **+45 °C**



Advantages

- Specially developed for driving vehicles at extremely low (arctic) temperatures.
- Due to its complex synthetic base the oil possesses the best low-temperature viscosity properties and retains its viscosity up to -54° C.
- Possesses superior pumpability and, when starting the engine, it reaches all lubrication points of the engine three times faster than common SAE 5W-40, 5W-30 synthetic oils.
- Ensures an extremely easy cold start of the engine at the ambient temperature up to -42 °C.
- Owing to a wide viscosity range (SAE 0W-40) the oil is effective for all-season application.
- Reliably lubricates and provides impeccable operation of the engine in all operation modes.
- Prevents formation of contaminations and keeps the engine clean.
- The oil is distinguished by its low consumption through burning.

5L | **20L** | **60L** | **200L**
Art. XA 20303 | Art. XA 28503 | Art. XA 20603 | Art. XA 20703

Package: 5 and 20 L — a can; 60 and 200 L — a barrel.

Requirements and approvals

Meets the requirements of the following specifications:

- SAE 0W-40
- ACEA A3/B3
- API SL/CF

Meets the requirements of the manufacturer approvals:

- VW 500.00/505.00
- MB 229.1

XADO Atomic Oil 5W-40 SM/CF Eco Drive

Ultra modern synthetic motor oil of the API SM generation. Contains atomic revitalizant.

Application temperature range

-30 °C — +45 °C



Advantages

- A perfect oil for modern high-powered engines including multivalve and turbocharged ones and those with intercooling of forced air.
- Manufactured according to "mid SAPS" technology; ensures an extended life span for catalyst converters and particulate filters.
- Meets the requirements of the new European quality standard – ACEA C3 (oils of the highest performance category with medium contents of sulphated ash, sulphur and phosphorus).
- Recommended for application to Euro 4 engines (MB, BMW).
- Suitable for diesel engines with a pump-injector injection system (Pumpe-Düse). Meets the requirements of VW 505.01, Ford M2C-917A.
- The oil is distinguished by its highest level of performance properties and provides the highest grade of protection and reliable operation of engines.
- This is a "longlife" oil, it is used in engines with extended oil change intervals.
- Extends the life span of additional exhaust gas purification units.
- Keeps the engine perfectly clean.

1L Art. XA 20122	4L Art. XA 20222	5L Art. XA 20322	20L Art. XA 28522
60L Art. XA 20622	200L Art. XA 20722		

Package: 1 to 5 L — a can; 20 L — a bucket; 60 and 200 L — a barrel.

Requirements and approvals

Meets the requirements of the following specifications:

- SAE 5W-40
- ACEA A3/B4/C3
- API SM/CF



The oil is officially licensed by **American Petroleum Institute (API)** for its compliance with the highest requirements to oils for gasoline engines of passenger cars (**API SM**) and the requirements to oils for diesel engines (**API CF**).

Meets the requirements of the manufacturer approvals:

- VW 505.01
- BMW Longlife-04
- Porsche A40
- Renault RN0710
- VW 505.00/502.00
- MB 229.3, 229.31
- Ford M2C-917A

XADO Atomic Oil 5W-40 SL/CF Infinity Drive

Synthetic easy-flowing top-grade motor oil. Contains atomic revitalizant.



Application temperature range

-30 °C — +45 °C



Advantages

- Perfectly suitable for modern multivalve turbocharged engines, including those with intercooling of forced air.
- Provides easy and smooth operation of gasoline, diesel and LPG engines while driving in town and on a highway, regardless of a season.
- Quickly reaches all lubrication points even at extremely low temperatures (up to -30° C).
- Owing to the SAE 5W-40 synthetic viscosity, it maintains optimal oil pressure in all engine operation modes.
- Particularly aging-resistant and possesses stable viscosity properties of new synthetic oil within more than 15,000 km (9,000 miles) of run.
- Keeps the engine clean and protects it against corrosion.

0.5L Art. XA 20006	1L Art. XA 20106	4L Art. XA 20206	20L Art. XA 28506
60L Art. XA 20606	200L Art. XA 20706		

Package: 0.5 to 4 L — a can; 20 L — a bucket; 60 and 200 L — a barrel.

Requirements and approvals

Meets the requirements of the following specifications:

- SAE 5W-40
- ACEA A3/B4
- API SL/CF

Meets the requirements of the manufacturer approvals:

- VW 502.00/505.00
- MB 229.3
- Porsche
- BMW Longlife

XADO Atomic Oil

5W-50 SL/CF Street Racing

Synthetic motor oil with excellent performance properties. Formulated on the base of synthetic polyalphaolefin components. Contains atomic revitalizant.



Application temperature range
-30°C — +50°C

Advantages

- Indispensable for those who like sport style of driving since the revitalizant provides the engine with additional antiwear protection during acceleration and durable extreme modes.
- Especially effective for sport cars and all-wheel drive land rovers when driving with a maximum power, high rotation frequency and significant thermal loads.
- Possesses the best protective properties which remain permanently high even in case of extended oil change intervals. Meets the requirements of the BMW Longlife approval.
- Due to high viscosity-temperature properties, which meet the SAE 5W-50 specification, it quickly reaches all lubrication points, reliably protects the engine during cold starts and ensures its easy start at very low temperatures.
- Can be used all the year round in various types of gasoline, LPG and diesel engines (including high-powered, turbocharged and direct-injection engines) of passenger cars, light trucks and minibuses.

0.5L Art. XA 20007	1L Art. XA 20107	4L Art. XA 20207	20L Art. XA 28507
60L Art. XA 20607	200L Art. XA 20707		

Package: 0.5 to 4 L — a can; 20 L — a bucket; 60 and 200 L — a barrel.

Requirements and Approvals

Meets the requirements of the following specifications:

- SAE 5W-50
- ACEA A3/B3
- API SL/CF

Meets the requirements of the manufacturer approvals:

- VW 501.00/505.00
- Porsche
- BMW Longlife

XADO Atomic Oil

10W-60 SL/CF Rally Sport

Top-grade synthetic racing motor oil. Contains atomic revitalizant.



Application temperature range
-25°C — +55°C

Advantages

- Specially developed for extreme operation conditions during motor rallies, closed-circuit races and other kinds of racing.
- Reliably protects the engine from wear and tear at an ultimate rotation frequency and maximum operating temperatures.
- Due to the maximum high-temperature viscosity (SAE 60) the oil seals clearances in the cylinder-piston group and ensures the highest engine power.
- Prevents “dry” friction of parts during extreme loads in dynamic modes and during the cold start.
- Ensures record-breaking low oil consumption through burning due to minimum evaporation losses.
- Keeps the engine perfectly clean.

0.5L Art. XA 20004	1L Art. XA 20104	4L Art. XA 20204	20L Art. XA 28504
60L Art. XA 20604	200L Art. XA 20704		

Package: 0.5 to 20 L — a can; 60 and 200 L — a barrel.

Requirements and Approvals

Meets the requirements of the following specifications:

- SAE 10W-60
- ACEA A3/B4
- API SL/CF

Meets the requirements of the manufacturer approvals:

- VW 500.00/505.00
- Porsche
- BMW
- MB 229.1

XADO Atomic Oil

5W-40 SL/CF City Line

Semi-synthetic easy-flowing top-grade motor oil manufactured on the base of the hydrocracking technology. Contains atomic revitalizant.



0.5L Art. XA 20008	1L Art. XA 20108	4L Art. XA 20208
20L Art. XA 28508	60L Art. XA 20608	200L Art. XA 20708

Package: 0.5 to 4 L — a can; 20 L — a bucket; 60 and 200 L — a barrel.

Requirements and Approvals

Meets the requirements of the following specifications:

SAE 5W-40	ACEA A3/B4
API SL/CF	

The oil is officially licensed by **American Petroleum Institute (API)** for its compliance with the highest requirements to oils for gasoline engines of passenger cars (**API SL**) and the requirements to oils for diesel engines (**API CF**).

Meets the requirements of the manufacturer approvals:

VW 502.00/505.00	MB 229.3	Porsche
BMW Longlife	GM-LL-B-025	

Application temperature range
-30 °C — +45 °C

Advantages

- The best semi-synthetic motor oil with synthetic viscosity – an ideal compromise between an oil type and a level of its performance properties. Specially designed for an urban mode of passenger car driving.
- Provides an excellent protection and reliable lubrication of the engine during its operation in the start/stop mode as well as when making a dynamic start of the cold engine.
- Owing to excellent low-temperature properties the oil ensures an extremely easy cold start even at the temperatures up to – 30°C.
- Possesses high and steady performance properties under conditions of extended oil change intervals – up to 50,000 km (31,000 miles) (approval GM-LL-B-025).
- A high fluidity of the oil allows considerable fuel savings during the engine start.
- The oil is distinguished by its low consumption through burning.
- Keeps the engine perfectly clean.

XADO Atomic Oil

10W-40 SL/CF Energy Drive

Top-grade semi-synthetic motor oil. Specially designed for engines of passenger cars. Contains atomic revitalizant.



1L Art. XA 20144	4L Art. XA 20244	20L Art. XA 28544
60L Art. XA 20644	200L Art. XA 20744	

Package: 1 and 4 L — a can; 20 L — a bucket; 60 and 200 L — a barrel.

Requirements and Approvals

Meets the requirements of the following specifications:

SAE 10W-40	ACEA A3/B4
API SL/CF	

The oil is officially licensed by **American Petroleum Institute (API)** for its compliance with the requirements to oils for gasoline engines of passenger cars (**API SL**) and the requirements to oils for diesel engines (**API CF**).

Meets the requirements of the manufacturer approvals:

VW 502.00/505.00	MB 229.1	Porsche
BMW Special Oil	MB 229.3	

Application temperature range
-25 °C — +45 °C

Advantages

- Developed with due consideration of engine operation particularities of modern passenger cars which are distinguished by their high specific power and low volumes of motor oil.
- Ensures reliable lubrication and protection of the engine in durable heavy-loaded modes (driving on a highway with a maximum speed, cargo transportation).
- Effective in dynamic modes (frequent speed-ups and slowdowns when driving within the city).
- Retains its high performance properties under conditions of extended oil change intervals.
- Ensures permanently high protective properties during the break-in period as well as throughout the entire operating life of the engine.
- Provides fuel economy due to reduction of friction loss, especially when starting the engine and during its idling.
- Extends the life span both of a new engine and of an engine with a mileage owing to the resource-saving effect of revitalizant.

XADO Atomic Oil 10W-30 SL/CF Optima Drive

Top-grade easy-flowing mineral motor oil. Contains atomic revitalizant.



Application temperature range

-25 °C — **+45 °C**

Advantages

- The oil is applied to gasoline, LPG and diesel engines of passenger cars, minibuses and light trucks in all the operation modes.
- It is specially designed for use in modern multivalve turbocharged engines in maximum power modes.
- The product is particularly suitable for intensive urban operation modes (frequent stops, speed-ups and slowdowns, idling) due to its high fluidity (SAE 30) at the operating temperatures.
- It excellently lubricates and washes engine parts; that's why it is recommended for running-in of new vehicles under warranty. The oil provides up to 3% additional fuel savings as compared with standard oil.
- A complex base together with special foam-reducing components provides high stability of the oil film in heavy-loaded modes and at high temperatures.
- Keeps the engine perfectly clean.



1 L Art. XA 20111	4 L Art. XA 20211	5 L Art. XA 20311	20 L Art. XA 28511
60 L Art. XA 20611	200 L Art. XA 20711		

Package: 1 to 5 L — a can; 20 L — a bucket; 60 and 200 L — a barrel.

Requirements and Approvals

Meets the requirements of the following specifications:

- SAE 10W-30
- ACEA A3/B4
- API SL/CF

Meets the requirements of the manufacturer approvals:

- VW 500.00/505.00
- MB 229.1

XADO Atomic Oil 5W-30 Diesel Truck

Synthetic easy-flowing motor oil for ultra high performance diesel engines (UHPD) with extra extended oil change intervals. Contains atomic revitalizant.



Application temperature range

-30 °C — **+45 °C**

Advantages

- The oil is specially designed for modern engines of Euro 4 trucks (equipped with turbocharging, exhaust gas recirculation systems etc.)
- Possesses a unique reserve of performance properties and ensures extra extended oil change intervals (up to 120,000 km (75,000 miles), MB 228.5). Particularly effective for vehicles operated at low temperatures. Due to a low-viscosity synthetic formula it makes the engine start securely easy at the temperatures up to -30 °C.
- The product possesses superior energy-saving properties and provides 3% fuel economy as compared to SAE 10W-40 oils.
- Owing to an extremely high base number (TBN>15.0) it reliably protects the engine even when using fuel with increased sulphur contents (S=0.2...0.5 %).



20 L Art. XA 20539	60 L Art. XA 20639	200 L Art. XA 20739
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Package: 20 L — a bucket; 60 and 200 L — a barrel.

Requirements and Approvals

Meets the requirements of the manufacturer approvals:

- MB 228.3, 228.5
- MAN 3277
- Volvo VDS-2, 3
- Cummins 20071/2/5/7
- DAF HP 1/HP 2
- Scania LDF
- Renault RXD
- MTU type 3
- Mack EO/M plus

Meets the requirements of the following specifications:

- SAE 5W-30
- ACEA E4/E7

XADO Atomic Oil 10W-40 E4/E6/E7

Synthetic motor oil of "low SAPS"-technology for ultra high-performance diesel engines (UHPD). Contains atomic revitalizant.



Application temperature range
-25°C — +45°C

Advantages

- The oil is specially designed for the new generation of highly supercharged engines of trucks equipped with the exhaust gas recirculation system (EGR)/diesel particulate filter (DPF)/selective reduction catalyst which require application of low SAPS-oils.*
- Meets the highest requirements of Mercedes MB 228.51, MAN M3477 (ACEA E6) to oils for Euro 4 (5) diesel engines with a decreased toxicity level and extended service intervals.
- Can be used in Euro III trucks where application of oils ACEA E4, Mercedes MB 228.5, MAN M3277 Renault RXD, DAF HP-2 and others is required.
- Owing to the progressive technology of the additives package it possesses energy-saving properties and ensures perfect purity of the oil and cleanness of the engine within their entire service life.
- The oil is suitable for extra extended oil change intervals in accordance with prescriptions of the engine manufacturer, operational conditions and filtration methods (up to 150,000 km (95,000 miles), MAN M3477).

*low SAPS stands for oils with low contents of sulphated ash, sulphur and phosphorus.



20L Art. XA 20545 | **60L** Art. XA 20645 | **200L** Art. XA 20745

Package: 20 L – a can; 60 and 200 L – a barrel.

Requirements and Approvals

Meets the requirements of the manufacturer approvals:

- | | | | |
|------------------------------|-------------------------|----------------------|---------------------|
| MB 228.5/228.51/226.9 | MAN M3277, M3477 | Volvo VDS-3 | Renault: RXD |
| MTU Type 3 и 3.1 | DAF HP-2 | Deutz DDQ-III | |

Meets the requirements of the following specifications:

- | | |
|-------------------|----------------------|
| SAE 10W-40 | ACEA E4/E6/E7 |
|-------------------|----------------------|

XADO Atomic Oil 10W-40 Diesel Truck

A top-grade semi-synthetic oil for diesel engines of heavy-duty trucks. Contains atomic revitalizant.

Application temperature range
-25°C — +45°C



1L Art. XA 20110 | **5L** Art. XA 20310 | **20L** Art. XA 28510
60L Art. XA 20610 | **200L** Art. XA 20710

Package: 1 and 5 L – a can; 20 L – a bucket; 60 and 200 L – a barrel.

Advantages

- Ensures reliable operation of engines of heavy-duty trucks in all the operation modes including those with maximum speeds and loads as well as long trips.
- Especially recommended for vehicles used for international transportation: long-distance buses and haulers.
- Possesses a unique reserve of performance properties and ensures extra extended oil change intervals (more than 120,000 km (75,000 miles), MB 228.5)
- Due to a particularly high base number (TBN>15.0) the oil provides reliable protection of the engine even when using fuel with increased sulphur contents.
- Maintains the engine in a perfect condition and considerably reduces expenses for its maintenance.
- Provides complete fuel combustion what considerably reduces harmful emissions into the atmosphere.
- Due to contents of revitalizant the oil perfectly protects the engine and the turbocharger from wear and the cylinder walls from their "grinding" what extends the life span of the engine by 2-3 times.

Requirements and Approvals

Meets the requirements of the following specifications:

- | | |
|-----------------------------------|-------------------|
| SAE 10W-40 | ACEA E4/E7 |
| API CI-4/CH-4/CG-4/CF-4/CF | |

Meets the requirements of the manufacturer approvals:

- | | | | |
|---------------------------------------|---------------------------|----------------------|--------------------------|
| MB 228.5 | Volvo VDS-2, VDS-3 | Scania LDF | MAN 3277 |
| MTU/DDC type 3 | DAF HP-2 | Deutz DDQ-III | Renault RXD/RLD-2 |
| Cummins CES 20071/2/7, (20078) | | | |



The oil is officially licensed by **American Petroleum Institute (API)** for its compliance with the requirements to oils for diesel engines (**API CI-4**).

XADO Atomic Oil 10W-40 SL/CI-4 Max Drive

Semi-synthetic motor oil made pursuant to the hydrocracking technology with high performance properties. Contains atomic revitalizant.



1L Art. XA 20109	4L Art. XA 20209	5L Art. XA 20309	20L Art. XA 28509
60L Art. XA 20609	200L Art. XA 20709		

Package: 1 to 5 L – a can; 20 L - a bucket; 60 and 200 L – a barrel.



Advantages

- The oil is universally applied to different engines of passenger cars, minibuses, light and heavy trucks, haulers and buses.
- Particularly effective for all-season use in engines of passenger cars including modern ones (multivalve, turbocharged engines as well as diesel engines with direct injection).
- Ensures permanently high protective properties during break-in periods and throughout the operational life of the engine.
- Provides fuel savings due to reduction of friction loss, especially when starting the engine and during its idling.
- Guarantees extension of the life span both for a new engine and for an engine with mileage owing to the resource-saving action of the revitalizant.

Requirements and Approvals

Meets the requirements of the following specifications:

- SAE 10W-40
- ACEA A3/B4/E7
- API SL/CI-4 Plus/CI-4/CH-4/CG-4/CF-4/CF
- Global DHD-1



The oil is officially licensed by **American Petroleum Institute (API)** for its compliance with the requirements both to oils for gasoline engines (API SL) and to oils for diesel engines (API CI-4).

Meets the requirements of the manufacturer approvals:

- VW 500.00/505.00
- MB 228.3, 229.1
- Volvo VDS-2, VDS-3
- Renault (RVI) RLD
- Mack EO/M PLUS
- MTU Type 2
- Cummins 20,071/2/6/7/8
- Allison C-4
- MAN 3275
- ZF TE-ML 02C/03A/04B/04C/07C

XADO Atomic Oil 10W-40 CI-4 Diesel

Top-grade semi-synthetic oil for diesel engines of passenger cars, heavy and light trucks, buses and minibuses. Contains atomic revitalizant.



1L Art. XA 20149	4L Art. XA 20249	20L Art. XA 20549
60L Art. XA 20649	200L Art. XA 20749	

Package: 1 and 4 L – a can; 20 L – a bucket; 60 and 200 L – a barrel.



Advantages

- Specially designed for diesel engines.
- Particularly effective for application to modern highly supercharged engines (turbocharged, multivalve, direct injection engines equipped with the exhaust gas recirculation system).
- Reliably protects the engine during its operation on high-sulphur fuel (S = 0.2...0.5%).
- Ensures high protective properties during break-in periods and throughout the operational life of the engine.
- Possesses a large reserve of performance properties and stability at extended service intervals (up to 100,000 km (62,000 miles) for Volvo Euro 3, VDS-3 engines).
- Provides fuel savings due to reduction of friction loss, particularly when starting the engine and during its idling.
- Keeps the engine clean, neutralizes motor oil contamination with ash.
- Extends the life span of the engine by 2 – 3 times and considerably reduces its maintenance costs.
- Guarantees extension of the life span both for a new engine and for an engine with mileage owing to the resource-saving action of the revitalizant.

Requirements and Approvals

Meets the requirements of the following specifications:

- SAE 10W-40
- ACEA B4/E7
- API CI-4 Plus/CI-4
- Global DHD-1



The oil is officially licensed by **American Petroleum Institute (API)** for its compliance with the requirements to oils for diesel engines (API CI-4).

Meets the requirements of the manufacturer approvals:

- Volvo VDS-2, VDS-3
- MAN 3275
- Renault RLD
- Renault (RVI) RLD
- VW 505.00
- MB 228.3
- Mack EO/M Plus
- Allison C-4
- MTU/DDC type 2
- Cummins CES 20071/2/6/7/8
- ZF TE-ML 02C/03A/04B/04C/07C

XADO Atomic Oil 15W-40 SM/CJ-4

Semi-synthetic motor oil for super high performance diesel engines (SHPD), meets the requirements of API CJ-4, can be used in gasoline engines, meets the requirements of API SM. Contains atomic revitalizant.



20 L Art. XA 20547 | **60 L** Art. XA 20647 | **200 L** Art. XA 20747

Package: 20 L — a bucket; 60 and 200 L — a barrel.



Application temperature range
-20°C — +45°C

Advantages

- The oil meets European, American and Japanese requirements to oils for diesel engines with Euro 4 (5) emission standards.
- Developed for diesel engines of American cargo trucks including those equipped with the exhaust gas recirculation system (EGR) and/or diesel particulate filter (DPF) which require application of fuel with ultra-low sulphur contents up to 0.05%.
- Possesses outstanding oxidation and thermal stability.
- Has powerful detergent and dispersant properties.
- Guarantees reliable protection of the engine at extended service intervals (according to the prescriptions of the car manufacturer - up to 100,000 km (62,000 miles)).
- Compensates current wear of engine units and parts and maintains the engine on the highest technical level.

Requirements and Approvals

Meets the requirements of the following specifications:

- SAE 15W-40
- ACEA E7/E9
- API SM/CJ-4
- Global DHD-1

Meets the requirements of the manufacturer approvals:

- Volvo VDS-4
- MTU type II
- MB 228.31
- MAN M3275
- Caterpillar ECF-3/ECF-2/ECF-1



The oil is officially licensed by **American Petroleum Institute (API)** for its compliance with the standards both to oils for gasoline engines (**API SM**) and to oils for diesel engines (**API CJ-4**).

- Renault RLD-3
- Cummins CES 20081
- Mack EO-O Premium Plus
- DDC PGOS 93 K 218

XADO Atomic Oil 15W-40 CI-4 Diesel

Special top-grade motor oil for diesel engines. Contains atomic revitalizant.



1 L Art. XA 20114 | **4 L** Art. XA 20214
20 L Art. XA 28514 | **60 L** Art. XA 20614 | **200 L** Art. XA 20714

Package: 1 to 5 L — a can; 20 L — a bucket; 60 and 200 L — a barrel.

Application temperature range
-20°C — +45°C

Advantages

- Ensures a high reliability rate of diesel engines in all the operation modes.
- The oil is universally applied to all types of diesel engines of trucks and passenger cars as well as to engines of special ground-based equipment.
- Perfectly suitable for diesel engines with the exhaust gas recirculation system (EGR). Especially recommended for Euro 3, Euro 2 diesel engines.
- Extends the life span of the engine and reduces its maintenance costs.
- Outstanding protection for the turbocharging unit.
- Possesses a unique reserve of performance properties and ensures up to 100,000 km (62,000 miles) oil change intervals in Euro 3 engines.
- Reliably protects the engine during its operation on high-sulphur fuel (up to 0.5 % sulphur contents).
- Keeps the engine clean, neutralizes motor oil contamination with ash.
- The oil is eco-friendly, reduces harmful emissions into the atmosphere.
- Provides an easy engine start at low temperatures and reliable lubrication of the engine during intensive operating modes at high temperatures.

Requirements and Approvals

Meets the requirements of the following specifications:

- SAE 15W-40
- ACEA B4/E7
- API CI-4/CH-4/CG-4/CF-4/CF
- Global DHD-1

Meets the requirements of the manufacturer approvals:

- VW 505.00
- Cummins 20,072/1/6/7/8
- Volvo VDS-3, VDS-2
- MAN 3275
- Renault (RVI) RLD
- MB 228.3
- Mack EO/M Plus



The oil is officially licensed by **American Petroleum Institute (API)** for its compliance with the highest world's standards to oils for diesel engines (**API CI-4**).

XADO Atomic Oil 15W-40 SL/CI-4 Road Drive

Universal mineral motor oil with high performance properties. Contains atomic revitalizant.



Application temperature range
-20°C — +45°C

Advantages

- The oil is universal in its application and reliably protects various engines of passenger cars and trucks.
- Particularly effective for all-season application to diesel engines including those equipped with the exhaust gas recirculation system.
- The viscosity grade of 40 units shows that the oil will perfectly maintain the pressure in the oil system even at high temperatures.
- The oil is recommended for heavy-duty vehicles.
- Owing to the effect of revitalizant it considerably increases reliability of engine operation, particularly in tensioned modes. Indispensable for diesel engines.
- Retains optimal fluidity even after 30,000 km (18,500 miles) of run.
- The oil is oxidation-resistant, doesn't create any deposits and retains all the necessary properties within its entire service life!
- Successfully manages soot in the oil and protects turbocharging units.
- Due to the unique recourse-saving properties of the revitalizant the oil considerably extends the life span of engines both of a new vehicle and for a vehicle with mileage.

0.5L Art. XA 20013	1L Art. XA 20113	4L Art. XA 20213
20L Art. XA 28513	60L Art. XA 20613	200L Art. XA 20713

Package: 0.5 to 5 L – a can; 20 L – a bucket; 60 and 200 L – a barrel..

Requirements and Approvals

Meets the requirements of the following specifications:

- SAE 15W-40
- ACEA A3/B4/E7
- API SL/CI-4/CH-4/CG-4/CF-4/CF
- Global DHD-1

Meets the requirements of the manufacturer approvals:

- VW 501.01/505.00
- MB 228.3, 229.1
- Volvo VDS-2
- Renault (RVI) RLD
- MAN 3275
- Mack EO/M PLUS
- Cummins 20,072/1/6/7/8



The oil is officially licensed by **American Petroleum Institute (API)** for its compliance with the highest world standards both for oils for gasoline engines (**API SL**) and for oils for diesel engines (**API CI-4**).

XADO Atomic Oil 15W-40 SJ/CG-4 Silver

High-quality universal mineral motor oil. Contains atomic revitalizant.



20L Art. XA 28530	60L Art. XA 20630	200L Art. XA 20730
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Package: 20 L – a bucket; 60 and 200 L – a barrel.



Application temperature range
-20°C — +45°C

Advantages

- The oil provides reliable lubrication and protection for engines of passenger cars and trucks in normal and loaded operation modes.
- It is universally applied to diesel and gasoline engines including those equipped with a turbocarger, exhaust catalytic converter as well as to multivalve engines.
- Provides perfect protection of all the engine parts from wear, corrosion and rust.
- Possesses superior detergent and dispersant properties, keeps the engine clean under all operational conditions.
- Due to a high base number (TBN =10 mgKOH/g) the oil is effective when using fuel with increased sulphur contents (S=0.2...0.5%).
- The oil is oxidation- and aging-resistant, retains stable viscosity properties within up to 20,000 km (12,500 miles) of run.

Requirements and Approvals

Meets the requirements of the following specifications:

- SAE 15W-40
- ACEA E2/B3/A2
- API CG-4/CF-4/CF/SJ

Meets the requirements of the manufacturer approvals:

- Volvo VDS
- MAN 271
- MB 228.1/229.1
- VW 505.00/501.01
- Mack EO-L
- Mack EO-L Plus

XADO Atomic Oil 10W-40 SG/CF-4 Silver

High-quality all-season mineral motor oil. The best oil for vehicles of mixed fleets. Contains atomic revitalizant.



Application temperature range
-25°C — +45°C

Advantages

- The oil provides reliable lubrication and protection for engines of passenger cars and trucks in normal and loaded operation modes.
- It is universally applied to diesel and gasoline engines including those equipped with a turbocharger, exhaust catalytic converter as well as to multivalve engines.
- The oil has the widest application temperature range for mineral oils; it guarantees an easy cold start of the engine at the temperatures below -25°C, doesn't thicken up to the temperature of -36°C.
- Provides perfect protection of all the engine parts from wear, corrosion and rust.
- Possesses superior detergent and dispersant properties, keeps the engine clean.
- The oil is effective when using fuel with increased sulphur contents (S=0.2...0.5%).
- The oil is oxidation- and aging-resistant, retains stable viscosity properties within up to 15,000 km (9,000 miles) of run.

1L Art. XA 20123 | **5L** Art. XA 20323 | **20L** Art. XA 28523

60L Art. XA 20623 | **200L** Art. XA 20723

Package: 1 and 5 L – a can; 20 L – a bucket; 60 and 200 L – a barrel.

Requirements and Approvals

Meets the requirements of the following specifications:

- SAE 10W-40
- MIL-L-46152 EC
- API SG/CF-4
- MIL-L-2104 D
- CCMC G4/D4/PD-2

Meets the requirements of the manufacturer approvals:

- GM 6085-M
- FORD M2C-153C

XADO Atomic Oil 20W-50 SL/CI-4 Hot Road Drive

Top-grade high-viscosity mineral motor oil. Contains atomic revitalizant.



Application temperature range
-15°C — +50°C

Advantages

- Specially designed for intensive operational conditions of vehicles at high ambient temperatures (up to 50°C).
- Reliably lubricates the engine at its maximum operating temperatures and ultimate rotation frequency.
- Due to a considerable high-temperature viscosity (SAE 50) the oil seals clearances in the cylinder-piston group, thus reducing oil consumption.
- Possesses a huge reserve of performance properties and can be used for engines with extended service intervals (up to 45,000 km (28,000 miles) for Volvo VDS-2).
- Prevents formation of deposits and keeps the engine clean.

1L Art. XA 20115 | **4L** Art. XA 20215 | **20L** Art. XA 28515

60L Art. XA 20615 | **200L** Art. XA 20715

Package: 1 and 4 L – a can; 20 L – a bucket; 60 and 200 L – a barrel.

Requirements and Approvals

Meets the requirements of the following specifications:

- SAE 20W-50
- ACEA A3/B4/E7
- API SL/CI-4/CH-4/CG-4/CF-4/CF
- Global DHD-1

Meets the requirements of the manufacturer approvals:

- MB 228.3, 229.1
- Volvo VDS-2
- Mack EO/M Plus
- Renault (RVI) RLD
- Caterpillar ECF1
- MAN 3275
- Cummins 20,072/1/6/7/8
- ZF 04C/07C

XADO Atomic Oil 10W-60 4T MA

High-quality synthetic motor oil for four-cycle engines of motor equipment. Contains atomic revitalizant.



Application temperature range
-30 °C — +45 °C

1 L Art. XA 20128	20 L Art. XA 28528
60 L Art. XA 20628	200 L Art. XA 20728

Package: 1 L – a can;
20 L – a bucket;
60 and 200 L – a barrel.

Advantages

- Specially designed for engines of motorcycles operated at maximum speeds.
- The oil is effective for powerful high-speed engines of sports motorcycles and all terrain vehicles (ATV).
- Due to its special high-viscosity formula the oil forms a very strong oil film and can bear extreme dynamic loads in the motorsport.
- Effective during long-lasting thermal loads and operation with ultimate rotation speeds of the engine.
- The oil is distinguished by its record-breaking low consumption through burning due to minimum evaporation losses.
- Ensures particularly smooth gear shifting and stability of parameters in regard to parts' coupling in the oil bath.
- Corrects compression and increases engine power.

Requirements and Approvals

Meets the requirements of the following specifications:

SAE 10W-60 | API SL | JASO MA

XADO Atomic Oil 10W-40 4T MA Super Synthetic

Super synthetic oil for four-cycle engines of motor equipment. Contains atomic revitalizant.

Advantages

- The oil is applied to four-cycle engines of motorcycles, scooters, all terrain vehicles and other motor equipment.
- Specially designed for modern high-powered four-cycle engines of motorcycles.
- Effective for engines with integrated (or separate) gearboxes.
- Ensures smooth gear shifting and reliable operation of the clutch in the oil bath.
- Due to enhanced detergent properties the oil keeps the engine perfectly clean.

Requirements and Approvals

Meets the requirements of the following specifications:

SAE 10W-40 | JASO MA | API SL



Application temperature range
-30 °C — +45 °C

1 L Art. XA 20132	20 L Art. XA 28532
60 L Art. XA 20632	200 L Art. XA 20732

Package: 1 L – a can;
20 L – a bucket;
60 and 200 L – a barrel.



XADO Atomic Oil 2T FC

Synthetic low-smoke motor oil for engines of motor equipment. Contains atomic revitalizant.



Application temperature range
-21 °C — +45 °C

Advantages

- The product is applied to engines of motorcycles, scooters, snowmobiles, lawn-movers, gasoline powered saws, gasoline powered electrical power stations and other motor equipment with air- or water-cooling.
- Specially designed for two-cycle engines operated with maximum load and at high temperatures.
- Effectively protects the engine during short-time overloads.
- Due to its low-smoke formula the oil keeps the engine clean and prevents formation of scale in the combustion chamber and exhaust ports.

Requirements and approvals

Meets the requirements of the following specifications:

API TC | ISO-L-EGC | JASO FC (Low Smoke)

20 ml Art. XA 20216	0.5 L Art. XA 20016
1 L Art. XA 20116	20 L Art. XA 28516
60 L Art. XA 20616	200 L Art. XA 20716

Package: 20 ml – a sachet;
0.5 to 4 L – a can;
20 L – a bucket;
60 and 200 L – a barrel.

Application data

For engines with a mixed lubrication system XADO Atomic Oil 2T FC is used in a mixture with fuel at the rate of 1:50 unless otherwise specified by the manufacturer.

XADO Atomic Oil TC W3

Mineral oil for engines of water motor equipment. Contains atomic revitalizant.

Application temperature range

-18 °C — +45 °C

Advantages

- Specially designed for modern high-loaded two-cycle outboard engines with water-cooling.
- Keeps the engine clean, prevents formation of scale in the combustion chamber and exhaust ports.
- Due to its ash-free formula the oil completely burns out leaving no deposits on spark plugs.
- Prevents corrosion of engine parts when storing the engine for long periods of time.
- Eco-friendly, reduces the contents of harmful emissions in exhausts.

Requirements and approvals

Meets the requirements of the following specifications:

NMMA TC-W3 | API TD



20 ml Art. XA 20217	0.5 L Art. XA 20017
1 L Art. XA 20117	20 L Art. XA 28517
60 L Art. XA 20617	200 L Art. XA 20717

Package: 20 ml – a sachet;
0.5 to 4 L – a can;
20 L – a bucket;
60 and 200 L – a barrel.



Application data

For engines with a mixed lubrication system XADO Atomic Oil TC W3 is used in a mixture with fuel at the rate of 1:100 unless otherwise specified by the manufacturer.

XADO Atomic Oil **75W-90 GL-3/4/5**

Application temperature range

-40 °C — +45 °C

0,5L | **1L** | **20L**
Art. XA 20018 | Art. XA 20118 | Art. XA 28518

60L | **200L**
Art. XA 20618 | Art. XA 20718

Package: 0.5 and 1 L – a can;
20 L – a bucket; 60 and 200 L – a barrel.

Modern super universal synthetic oil for mechanical transmissions. Contains atomic revitalizant.

Advantages

- The product is universally applied to all the units of mechanical transmissions (gearboxes, transfer cases, differentials) of passenger cars and trucks.
- The oil is recommended for transmission mechanisms of modern vehicles intended for easy-flowing synthetic oils.
- It ensures convenient gear shifting owing to superior synchronization of operating gears.
- The oil is effective for high-loaded hypoid drives and limited slip differentials.
- Excellent fluidity of the oil provides light and smooth running and unhampered operation of the transmission at very low temperatures (up to -40 °C).

Requirements and approvals

Meets the requirements of the following specifications:

SAE 75W-90 | **API MT 1** | **API GL 3/4/5**
MIL L2105 B/C/D/E | **MIL PRF 2105E**

Meets the requirements of the manufacturer approvals:

Volvo 97310 | **DAF ZF TE ML 02** | **Scania STO 1:0**
MAN 341 SL, 342 SL, 3343 SL | **ZF TE ML 01, 02, 05, 07, 08**

XADO Atomic Oil **75W-80 GL-4**

Modern semi-synthetic oil for mechanical transmissions. Contains atomic revitalizant.

Advantages

- Specially designed for modern high-loaded gearboxes.
- The oil is used for transfer cases, differentials (axles) of passenger cars and trucks where oils with API GL-4 specification are recommended.
- It is applied to gearboxes with extra extended service intervals (up to 300,000 km (185,000 miles)).
- Provides extra smooth gear shifting at low temperatures (up to -40 °C).
- Due to the use of synthetic components the oil retains high lubricating properties at increased temperatures.



Application temperature range

-40 °C — +45 °C

1 L | **20 L**
Art. XA 20131 | Art. XA 28531

60 L | **200 L**
Art. XA 20631 | Art. XA 20731

Package: 1 L – a can; 20 L – a bucket;
60 and 200 L – a barrel.

**Requirements and approvals**

Meets the requirements of the following specifications:

SAE 75W-80 | **API GL-4**

Meets the requirements of the manufacturer approvals:

MB 235.4 | **Renault trucks** | **Volvo 97307**
DAF (up to 300,000 km (185,000 miles)) | **Eaton Long Drain**
MAN 341 TL/MAN 341 type Z-3 | **ZF TE-ML 02 D**

XADO Atomic Oil **80W-90 GL-3/4/5**

Application temperature range

-25 °C — +45 °C

0.5L | **1L** | **20L**
Art. XA 20019 | Art. XA 20119 | Art. XA 28519

60L | **200L**
Art. XA 20619 | Art. XA 20719

Package: 0.5 and 1 L – a can;
20 L – a bucket; 60 and 200 L – a barrel.

Universal top-grade mineral oil for all the units of mechanical transmissions. Contains atomic revitalizant.

Advantages

- The product is universally applied to all the units of mechanical transmissions of passenger cars and trucks (gearboxes, transfer cases, axles, differentials).
- Improves operation of synchronizers of gearboxes, increases gear shifting accuracy.
- The oil is especially effective for high-loaded hypoid drives and limited slip differentials.
- Due to the contents of atomic revitalizant it compensates current wear of all types of toothed gearings and couplings made of ferrous and non-ferrous metals, and extends their life span.

Requirements and approvals

Meets the requirements of the following specifications:

SAE 80W-90 | **API MT 1** | **API GL 3/4/5**
MIL-PRF-2105E | **MIL-L2105 B/C/D/E**

Meets the requirements of the manufacturer approvals:

MAN 341, 342, 334ML, 3343M | **Volvo 97310**
Scania STO 1:0, 2:0 | **ZF TE-ML 01, 02, 05, 07, 08**

XADO Atomic Oil **85W-140 GL 5 LSD**

Top-grade high-viscosity mineral oil for units of mechanical transmissions. Contains atomic revitalizant.

Advantages

- Specially designed for drives with limited slip differential.
- The oil is distinguished by its highest level of protection for final drives and differentials of all types.
- Provides smooth switching on for clutches of the limited slip differentials and prevents the stick-slip effect.
- Possesses an exceptional wear resistance in all the operation modes including extreme ones.



Application temperature range

-20 °C — +45 °C

1L | **20L**
Art. XA 20121 | Art. XA 28521

60L | **200L**
Art. XA 20621 | Art. XA 20721

Package:
1 L – a can;
20 L – a bucket;
60 and 200 L – a barrel.

**Requirements and approvals**

Meets the requirements of the following specifications:

SAE 85W-140 | **API GL 5 LS**
MIL-L2105 D

XADO Atomic Oil ATF III



Application temperature range

-42°C — +50°C

0,5L

Art. XA 20020

1L

Art. XA 20120

20L

Art. XA 28520

60L

Art. XA 20620

200L

Art. XA 20720

Package: 0.5 and 1 L — a can;
20 L — a bucket; 60 and 200 L — a barrel.

High-quality mineral oil for automatic transmissions and hydraulic systems. Contains atomic revitalizant.

Advantages

- Specially designed for automatic gearboxes of vehicles manufactured after 1995, it is recommended for application in vehicles manufactured in previous years.
- Owing to the atomic revitalizant, the oil protects bearings, spool-sleeve assemblies, coupling parts, and gears against wear and extends service life of gearboxes.
- Improves operation of friction clutches in automatic transmissions and provides smooth gear shifting.
- Ensures complete stability of friction properties (like those of a new oil) in case of extended service life — more than 90,000 km (55,000 miles).

According to specifications of car manufacturers the product is applied to hydraulic systems of steering boosters and manual transmissions.

Requirements and approvals

Meets the requirements of the following specifications:

GM Dexron III | Ford Mercon

Meets the requirements of the manufacturer approvals:

GM Dexron III /II-E/II-D /Type A | Ford Mercon MB 236.1 | ZF TE-ML 11, 14 | Voith Allison C-4 | Caterpillar TO-2

XADO Atomic Oil CVT

Synthetic fluid for variators. Contains atomic revitalizant. It is applied in continuously variable automatic transmissions of passenger cars.

Advantages

- Designed for lubrication of continuously variable automatic transmissions (CVT).
- Particularly suitable for variators with a flexible metal belt.
- Provides the highest degree of reliability and maximal service life of variators.
- Compensates current wear of transmission parts: belts, pulleys, toothed gears, bearings, couplings etc.
- Possesses excellent antivibration properties, does not foam, prevents corrosion, stable to aging and oxidation.

Requirements and approvals

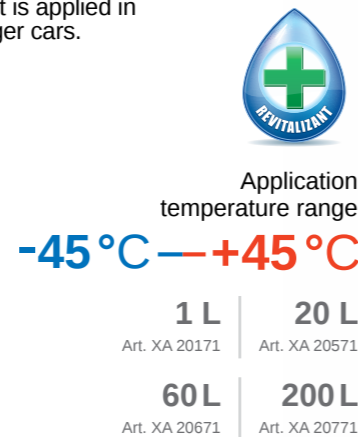
Meets the requirements of the manufacturer approvals:

VW TL 521 80 (G 052 180) | MB 236.20 | JATCO CVT DBL 2224.20 | NSK Belt CVT | Toyota (TC)* Nissan (NS-II) | Mitsubishi (NS-II/SP-III/CVT J-1) BMW CVT EZL 799 A (BMW 83 22 0 429 154/136 376) (BMW Mini)

* Not recommended for hybrid CVT.

Meets the requirements of the manufacturer approvals:

Subaru (NS-II, Lineartronic CVTF) | Hyundai/Kia (SP-III) Hyundai (Genuine CVTF) | Suzuki (TC/NS-II/CVT Green 1) Dodge/Jeep (NS-II CVTF+4) | GM/Saturn (DEX-CVT) Ford (CVT23/30)* | Honda (HMMF)



Application temperature range

-45°C — +45°C

1 L

Art. XA 20171

20 L

Art. XA 20571

60L

Art. XA 20671

200L

Art. XA 20771

Package: 1 L — a can;
20 L — a bucket; 60 and 200 L — a barrel

XADO Atomic Oil ATF III/IV/V



Application temperature range

-20°C — +50°C

1L

Art. XA 20129

20 L

Art. XA 28529

60L

Art. XA 20629

200L

Art. XA 20729

Package: 1 L — a can;
20 L — a bucket; 60 and 200 L — a barrel.

Super universal synthetic oil for automatic transmissions. Contains atomic revitalizant.

Advantages

- Exceeds the requirements of Dexron IIIH, Toyota Type T-IV, Mercon V.
- Designed for automatic gearboxes of modern vehicles produced by leading car manufacturers (General Motors, Ford, Chrysler, BMW, Toyota, Nissan, Mitsubishi etc).
- Possesses improved properties and is perfectly suitable for modern automatic gearboxes with sophisticated construction and low oil consumption.
- Increases operation accuracy of gearboxes and hydraulic systems what provides comfortable driving.
- It is a long life oil that can be applied to automatic gearboxes where one-time filling with oil is required for the whole operation period.

Requirements and approvals

Meets the requirements of the following specifications:

GM: Dexron III (H) | Toyota: Type T-IV

Ford: Mercon V

Mazda M-III | MB 236.1...236.9 | Saab 93 165 147 Volvo 1161540 | Nissan Matic-D, J and K | VW G 052 162 A1 Subaru KO410Y0700 | MAN 339 TYPE D&F; Z1/V2, Z2

Meets the requirements of the manufacturer approvals:

GM: Dexron III (F, G, H); II-E, II-D, B, AQ-ATF type A Audi G-055-025-A | BMW LT-2 | Honda ATF-Z1 Toyota: Type T-IV, T-III, T | Hyundai-Mitsubishi: SP, II, III

Chrysler: Mopar ATF, ATF 2 (type 7176), ATF 3, ATF 4

Ford: Mercon V, Mercon; M2C 138-CJ, M2C 166-H

XADO Atomic Oil ATF VI

Synthetic transmission oil for automatic transmissions. Possesses unsurpassed performance properties. Contains atomic revitalizant.

Advantages

- Specially designed for Hydra-Matic 6-speed automatic transmissions produced by General Motors (GM), extends oil change intervals up to 400,000 km (250,000 miles)
- Can be used in case of doubled oil change intervals in automatic gearboxes of cars manufactured by GM where the fluids of the foregoing specifications are recommended (Dexron III, II).
- Owing to its decreased high-temperature viscosity, the product provides reduction of fuel consumption.

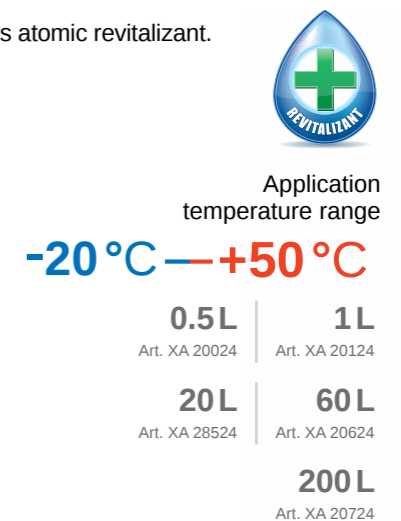
Requirements and approvals

Meets the requirements of the following specifications:

GM Dexron VI, III, II

Toyota WS

Ford Mercon LV, SP



Application temperature range

-20°C — +50°C

0.5L

Art. XA 20024

1L

Art. XA 20124

20L

Art. XA 28524

60L

Art. XA 20624

200L

Art. XA 20724

Package: 0.5 and 1 L — a can;
20 L — a bucket;
60 and 200 L — a barrel.

XADO Atomic Oil CHF

Synthetic fluid of the latest generation for hydraulic systems of vehicles. Contains atomic revitalizant.

The best currently available fluid for a steering booster and joint (central) hydraulic system of a vehicle, which consists of a steering servomechanism, clearance control system, braking servomechanism and other assemblies. It is applied in steering systems and central hydraulic systems of modern cars manufactured by Audi, VW, Volvo, MB, Alfa Romeo, BMW and others.



0.5 L

Art. XA 20025

1 L

Art. XA 20125

20 L

Art. XA 28525

Package:
a can



Requirements and approvals

Meets the requirements of the following specifications:

DIN 51524 part 2

ISO 7308

Meets the requirements of the manufacturer approvals:

Peugeot B 71 2710

Volvo STD 1273.36

Mercedes Benz
sheet 345

Opel B0400070

Porsche

BMW 81 22 9 407 758

Audi/VW: VW TL 521
46 (G00200)

Saab

Deutz 2940929

Skoda/Seat:
VW TL 521 46

MAN 3623/93

Rolls Royce

Fendt X902.011.622

Nissan

XADO Atomic Oil LHM

High-quality mineral fluid for hydraulic systems of vehicles. Contains atomic revitalizant.



Special mineral-based hydraulic fluid for hydro-pneumatic suspensions of Citroën vehicles. It is applied to hydraulic systems of other models of passenger cars and trucks equipped with a steering booster or an integrated hydraulic system (hydraulic steering booster, suspension, braking servomechanism and transmission), where LHM fluids are recommended by a manufacturer.

1 L

Art. XA 20126

20 L

Art. XA 28526

60 L

Art. XA 20626

200 L

Art. XA 20726

Package: 0.5 and 1 L — a can;
20 L — a bucket;
60 and 200 L — a barrel.

Requirements and approvals

Meets the requirements of the following specifications:

ISO 7308 PSA

AFNOR NF R 12-640

Citroën PSA-B-71 2710

XADO DOT-4

Synthetic brake fluid. Contains revitalizant.

Exceeds the requirements of American standard DOT 4 and specifications of leading car manufacturers (BMW, VW, MAN) regarding brake fluids for passenger cars and trucks. It is applied to brake systems of vehicles equipped with disk or drum brakes, including anti-lock braking (ABS) and anti-slip regulation (ASR) systems, as well as to hydraulic clutch systems. Formulated on the basis of a complex of special ethers and low-molecular polymers, alloyed with an additives package. Owing to the revitalizant, it protects friction surfaces against formation of burrs and corrosion, thereby providing smooth operation of brakes without wedging and sticking. Ensures faultless operation of the brake system during 2.5 years (~125,000 km (78,000 miles) of run).



125000 km
SERVICE INTERVAL

Advantages

- Ensures reliable and safe operation for all types of car brake systems.
- Remains incompressible even under the most severe operation conditions (in case of durable and intensive braking).
- Possesses high temperature of "wet" boiling (more than +170 °C), that helps to prevent brake fade.
- Quickly rejects heat from parts of the brake system, prevents brakes from overheating.
- Owing to low viscosity at low temperatures, it ensures excellent performance properties in cold conditions (below -50 °C).
- Prevents deposit formation and keeps the brake system perfectly clean.
- Absolutely compatible with all types of metals, alloys, sealants and pipeline materials used in car brake systems.

0.5 L

Art. XA 50003
can

350 ml

Art. XA 50303
plastic bottle

0.9 L

Art. XA 50803
plastic bottle

Notes

Compatible with regular brake fluids (transparent golden yellow fluids DOT 3, DOT 4, DOT 5.1).

The fluid is hygroscopic. Keep container tightly closed.

Requirements and approvals

Meets the requirements of the following specifications:

DOT 4 FMVSS 116

SAE J 1703

ISO 4925

Meets the requirements of the manufacturer approvals:

BMW 9368

VW 3057

MAN TUC v3681

XADO Protective Grease

Universal consistent grease. Contains revitalizant. Compensates current wear of up to 10%.

Designed for protection of assemblies and mechanisms operating under extreme loads, protects friction surfaces against wear. Allows eliminating factory defects of new roller bearings.

Extends service life of parts by 2-4 times. Universal substitute for any multi-purpose lithium greases.

- Extends service life of assemblies.
- Smoothes out scuffs and microcracks.
- Reduces noise and vibration.
- Improves roughness value Ra up to 0.06 mkm.
- Provides economy of energy resources.

Notes

The grease is efficient for antiwear protection of bearings (up to 10,000 rpm).

Recommended for new assemblies and parts.

Compatible with automobile and industrial lithium greases of all types, mixable with them in any proportion.



12 ml
Art. XA 30101
sachet of cellophane foil

125 ml
Art. XA 30201
plastic tube

400 ml
Art. XA 30401
aerosol can

450 ml
Art. XA 30001
cartridge for a filling gun

Requirements

Meets the requirements of the following specifications:

- **NLGI 3 (ASTM D217)**
- **KP3K-20 (DIN 51502)**
- **ISO-L-XBCEB 3 (ISO 6743-9)**

XADO Restoring Grease

Universal consistent grease. Contains revitalizant. Compensates wear of up to 50 %.

Designed for restoration of assemblies and mechanisms operating under extreme loads. Builds a ceramic-metal coating on surfaces of friction pairs: parts restore their initial geometry. Extends service life of parts by 2-4 times.

- Quickly eliminates wear and prolongs service life of assemblies.
- Smooths out scuffs and microcracks.
- Eliminates surface defects and traces of corrosion.
- Reduces noise and vibration.

Notes

The grease is efficient for antiwear protection of bearings (up to 10,000 rpm).

Recommended for new assemblies and parts.

Compatible with automobile and industrial lithium greases of all types, mixable with them in any proportion.



12 ml
Art. XA 30102
sachet of cellophane foil

125 ml
Art. XA 30202
plastic tube

400 ml
Art. XA 30402
aerosol can

450 ml
Art. XA 30002
cartridge for a filling gun

Requirements

Meets the requirements of the following specifications:

- **NLGI 3 (ASTM D217)**
- **KP3K-20 (DIN 51502)**
- **ISO-L-XBCEB 3 (ISO 6743-9)**

XADO Repairing Grease

Universal consistent grease. Contains revitalizant. Compensates wear of up to 80 %.

Designed for reparation of assemblies and mechanisms operating under extreme loads. Builds a ceramic-metal coating on surfaces of friction pairs: parts grow in volume and restore their initial geometry. The grease is capable to restore high-speed and heavy-loaded assemblies, which cannot be repaired in a traditional way. It can transfer its properties to any other regular grease.

- Restores geometry of parts.
- Smooths out scuffs and microcracks.
- Reduces noise and vibration.
- Eliminates surface defects and traces of corrosion.
- Withstands high rotation speeds.

Notes

For assemblies requiring periodical change of grease, it is advised to apply XADO PROTECTIVE Grease later on.

Recommended for assemblies and mechanisms, which have up to 80% of their service life behind them.

Compatible with automobile and industrial lithium greases of all types, mixable with them in any proportion.

The grease is efficient for reparation of bearings (up to 10,000 rpm).

It is not recommended for new assemblies and parts!

XADO Supergrease

Contains revitalizant

Universal substitute for all automobile greases; compatible with multi-purpose lithium greases in any proportion. Applied to assemblies (bearings) of vehicles, building implements, household appliances and sports equipment.

- Restores parts with 10 to 30% wear rate.
- Protects surfaces of friction pairs against wear.
- Retains its properties even in case of durable mechanical and thermal loads.
- Prevents corrosion of ferrous and non-ferrous metals.
- Securely prevents seizure of assemblies.
- Possesses water-repellent properties.

Notes

Compatible with all automobile and industrial lithium greases, mixable with them in any proportion.

Designed for assemblies with rotation frequency of up to 10,000 rpm.



12 ml
Art. XA 30103
sachet of cellophane foil

125 ml
Art. XA 30203
plastic tube

400 ml
Art. XA 30403
aerosol can

450 ml
Art. XA 30003
cartridge for a filling gun

Requirements

Meets the requirements of the following specifications:

- **NLGI 2 (ASTM D217)**
- **KP2K-20 (DIN 51502)**
- **ISO-L-XBCEB 2 (ISO 6743-9)**



7 ml
Art. XA 30005
sachet of cellophane foil

125 ml
Art. XA 30205
plastic tube

Requirements

Meets the requirements of the following specifications:

- **NLGI 2 (ASTM D217)**
- **KPF2K-25 (DIN 51502)**
- **ISO-L-XBCEB 2 (ISO 6743-9)**

XADO Grease for CV Joints

Contains revitalizant

Consistent grease for constant velocity joints (CV joints), assemblies, bearings of vehicles and other equipment. Contains atomic revitalizant. Compensates current wear.

The best currently available grease for CV Joints. Its properties significantly surpass those of any other grease containing molybdenum disulfide (MoS₂). Formulated pursuant to a unique cocrystallized technology based on a complex lithium-calcium thickening agent (ALASSCA-complex).

- Provides continuous protection of CV joints against moisture and contamination if the protective cover (dust cap) has been damaged.
- Possesses excellent lubricating properties under any operation conditions (extremely high loads, high and low shear velocities, high temperatures and dust levels as well as increased humidity).
- Prevents formation of scuffs and corrosion, reduces noise and vibration.
- Owing to the atomic revitalizant, it keeps surfaces in a perfect state.

Notes

The grease is recommended for new assemblies and mechanisms. It is advised to apply XADO Restoring or XADO Repairing Greases for a substantial restoring repair.

Compatible with automobile and industrial lithium greases of all types, mixable with them in any proportion.



125 ml
Art. XA 30204
plastic tube

450 ml
Art. XA 30004
cartridge for a filling gun

400 ml
Art. XA 30404
aerosol can

Requirements

Meets the requirements of the following specifications:

NLGI 2 (ASTM D217)

NLGI GC-LB

ISO-L-XBCIB 2 (ISO 6743-9)

KOG2K-20 (DIN 51502)

XADO Universal Penetrating Lubricant

Universal penetrating grease-spray. Contains revitalizant.

Designed for all assemblies, mechanisms, weapons, appliances and equipment. Recommended for application at service stations, in garages, workshops, household and industry. Easily and quickly reaches threaded and other joints, restores mobility of rusted parts. Lubricates any friction surfaces of parts. Due to the revitalizant, it restores friction surfaces.

- Removes oil and grease contaminations from surfaces of the car body.
- Protects parts against corrosion and oxidation.
- Defrosts door locks, prevents their freezing.
- Displaces moisture from wires and facilitates engine starting in damp weather.



40 ml
Art. XA 30114

100 ml
Art. XA 30214

150 ml
Art. XA 30014

300 ml
Art. XA 30314

500 ml
Art. XA 30414

Package: aerosol can.

Special fluids

XADO Non-Freezing Fluid

For washing car windshields.



2L
Concentrate -32°C
Art. XA 50010
sachet



1L
Superconcentrate -120°C
Art. XA 50011
sachet

Application

Concentrate -32°C

Introduce the fluid into the windshield washer reservoir of a car. Use diluted with water or in undiluted state (depending upon the ambient temperature).

Ambient temperature, °C	Water, L for 1 L of fluid concentrate
0... -5	2
-5... -10	1
-10... -20	0,5
-20... -32	—

Superconcentrate -120°C

Introduce the fluid into the windshield washer reservoir of a car. Use diluted with water.

Ambient temperature, °C Water, L for 1 L of fluid concentrate

0... -5	5
-5... -10	4
-10... -20	3
-20... -30	2
-30... -40	1
-40... -50	0,5
-120	—



3D wash



Anti-calc



Anti-foam

Possesses strong detergent effect.

Doesn't build up foam.

Doesn't produce lime deposit.

Safe for health.

Advantages

The fluid is formulated on the basis of OPEN VISION SYSTEM[®] technology

3D detergent effect

- efficiently removes ice and hoarfrost
- cleans windows from all types of contaminations
- prevents formation of the oil film on windshields

Anticalcium

- cleans injectors
- eliminates lime deposit and prevents its formation.
- can be used with tap water

Antifoam

- special modern formula which provides low foaming

Additional advantages

- defrosts frozen fluid in the washer reservoir
- prevents ice formation in injectors
- safe for health, does not contain methyl alcohol
- neutral towards paint and lacquer coatings, chromium, rubber and plastics

XADO Antifreeze RED 12++/-40 °C

Concentrate/ready-to-use fluid for the engine cooling system.
Coloured crimson.



1.1 kg | **4.5 kg**
Art. XA 50008 | Art. XA 50308

20 L | **60 L**
Art. XA 58508 | Art. XA 50608

200 L
Art. XA 50708

Package:
1.1 kg to 20 L — a can;
60 and 200 L — a barrel.

concentrate

2.2 kg | **10 kg**
Art. XA 50209 | Art. XA 50409

20 L | **60 L**
Art. XA 58509 | Art. XA 50609

200 L
Art. XA 50709

Package:
2.2 kg to 20 L — a can;
60 and 200 L — a barrel.

ready-to-use

Advantages

- Specially developed for one-time filling with the cooling fluid for the whole operation period of vehicles manufactured by VW-Audi Group since 2009.
- Formulated on the basis of premium-grade monoethylene glycol and corrosion inhibitors of the new generation.
- A package of anticorrosion additives is based on the cutting edge Hybrid Organic Additive Technology (HOAT) wherein an innovative combination of organic acids and high-reactive silicon compositions is used.
- Contains revitalizant, which protects bearings of the pump and ensures its operation in an emergency situation.

Requirements and approvals

Meets the requirements of the manufacturer approvals:

TL 774 G (G12++)	Bentley
VW	Audi
Seat	Skoda
Lamborghini	Scania TB 1451

XADO Antifreeze RED 12+/-40 °C

Concentrate/ready-to-use fluid for the engine cooling system.
Coloured crimson.



1.1 kg | **4.5 kg**
Art. XA 50001 | Art. XA 50301

20 L | **60 L**
Art. XA 58501 | Art. XA 50601

200 L
Art. XA 50701

Package:
1.1 kg to 20 L — a can;
60 and 200 L — a barrel.

concentrate

250000 km
SERVICE INTERVAL

2.2 kg | **10 kg**
Art. XA 50207 | Art. XA 50407

20 L | **60 L**
Art. XA 58507 | Art. XA 50607

200 L
Art. XA 50707

Package:
2.2 kg to 20 L — a can;
60 and 200 L — a barrel.

ready-to-use

Advantages

- Exceeds the requirements to cooling fluids for engines of passenger cars and trucks manufactured by VW, MB, Ford, Opel, MAN and other car manufacturers.
- Ensures faultless operation of the cooling system during 5 years (250,000 km (155,000 miles) of run).
- Contains revitalizant, which protects pump bearings and ensures pump operation in emergency situations.

Deutz / MWM 0199-99-1115 (0199-99-2091)

Detroit Diesel (incl Powercool plus)

Requirements and approvals

Meets the requirements of the following specifications:

JASO M325	NATO S-759
ASTM D3306/ D4656/4985	BS 6580

Meets the requirements of the manufacturer approvals:

VW TL-VW 774 D (G12+)	Opel-GM6277M +B0401065
MB 325.3	Ford WSS-M97B44-D
MAN 324 Typ SNF	PSA
Scania TB1451	Renault Type-D

XADO Antifreeze GREEN 11/-40 °C

Concentrate/ready-to-use fluid for the engine cooling system.
Coloured green.



175000 km
SERVICE INTERVAL



1.1 kg | **4.5 kg**
Art. XA 50004 | Art. XA 50304

20 L | **60 L**
Art. XA 58504 | Art. XA 50604

200 L
Art. XA 50704

Package:
1.1 kg to 20 L — a can;
60 and 200 L — a barrel.

concentrate

2.2 kg | **10 kg**
Art. XA 50206 | Art. XA 50406

20 L | **60 L**
Art. XA 58506 | Art. XA 50606

200 L
Art. XA 50706

Package:
2.2 kg to 20 L — a can;
60 and 200 L — a barrel.

ready-to-use

Advantages

- Exceeds the requirements to cooling fluids for engines of passenger cars and trucks manufactured by VW, MB, BMW, Opel, MAN, Volvo and other car manufacturers.
- Formulated on the basis of premium-grade monoethylene glycol and high-performance corrosion inhibitors.
- Ensures faultless operation of the cooling system during 3.5 years (175,000 km (110,000 miles) of run).
- Contains revitalizant, which protects pump bearings and ensures pump operation in emergency situations.

Requirements and approvals

Meets the requirements of the following specifications:

JASO M325	NATO S-759
ASTM D3306 / D4656/4985	BS 6580

Meets the requirements of the following manufacturers:

VW TL-VW 774 D (G12+)	Opel-GM6277M +B0401065
MB 325.3	Ford WSS-M97B44-D
MAN 324 Typ SNF	PSA
Scania TB1451	Renault Type-D
Deutz / MWM 0199-99-1115 (0199-99-2091)	Detroit Diesel (incl Powercool plus)

XADO Antifreeze BLUE BS/-40 °C

Concentrate/ready-to-use fluid for the engine cooling system.
Coloured blue.



100000 km
SERVICE INTERVAL



1.1 kg | **4.5 kg**
Art. XA 50002 | Art. XA 50302

20 L | **60 L**
Art. XA 58502 | Art. XA 50602

200 L
Art. XA 50702

Package:
1.1 kg to 20 L — a can;
60 and 200 L — a barrel.

concentrate

2.2 kg | **10 kg**
Art. XA 50205 | Art. XA 50405

20 L | **60 L**
Art. XA 58505 | Art. XA 50605

200 L
Art. XA 50705

Package:
2.2 kg to 20 L — a can;
60 and 200 L — a barrel.

ready-to-use

Advantages

- Ensures optimal temperature conditions in all operation modes of the engine.
- Prevents foaming of fluid and formation of bubbles, guarantees maximum performance of the pump and efficient heat rejection.
- Prevents deposit formation and keeps the cooling system clean.
- Possesses significant anti-corrosion protection reserve.
- Safe for aluminum and alloys, synthetic materials and rubber.
- Does not exert aggressive impact on plastics as well as on paint and lacquer coatings of a car.
- Compatible and mixable with regular automobile cooling fluids (of a blue colour).

Requirements and approvals

Meets the requirements of the following specifications:

BS 6580 (UK)	SAE J 1034 (USA)
ASTM D 3306 / D 4656 (USA)	AFNOR NFR 15-601 (France)
ONORM V5123 (Austria)	JIS K 2234 (Japan)
UNE 26-361 (Spain)	AS 2108 (Australia)
CUNA NC 956-16 (Italy)	

MaxiFlush fuel system cleaner

Fuel system cleaner for gasoline engines. Contains atomic revitalizant.

Specially developed for application in professional stationary injector cleaning facilities of fuel systems. Efficient for all types of fuel injection systems (K, KE, L-Jetronic etc). Can be used for complex cleaning of a fuel system without additional equipment*.



Advantages

- Quickly removes all types of contaminations and deposits from the fuel system.
- Cleans inlet valves, injectors and combustion chambers.
- Ensures precise dosage of fuel injection, restores spray patterns, optimizes combustion process and contributes to fuel savings.
- Owing to the revitalizant, the cleaner efficiently protects injector needle valves against wear and hanging-up.
- Increases reliability and effectiveness of the fuel system, extends service life of parts by 2-4 times.
- Suitable for lambda probes (oxygen sensors) and exhaust catalytic converters.

Recommended for application every 10,000 - 20,000 km (6,000 - 12,500 miles) of run as preventive measures.

300 ml

Art. XA 40503
can

* Concentrated cleaner

1 L

Art. XA 40108
can

Application

MaxiFlush concentrated cleaner (300 ml)

For cleaning equipment of fuel systems

Before application the cleaner should be mixed with high-octane fuel at the rate of 1 package of the concentrated cleaner (300 ml) for 700 ml of gasoline.

For fuel system cleaning without special equipment

Introduce the product into the gasoline tank at the rate of 300 ml of the concentrated cleaner for 40-80 L of gasoline. Fill the tank with fuel.

MaxiFlush cleaner (1 L)

In accordance with the application manual for the fuel system cleaning equipment.

A one-litre package of MaxiFlush is enough to clean 20 injectors, engines of 5 cars.

MaxiFlush universal cleaner

Cleaner for hard-to-remove contaminations of engine systems.

A highly efficient product for cleaning carburetors, injector screens, exhaust gas recirculation (EGR) valves, and for anticarbon treatment of stuck piston rings. Indispensable product for removing scale and lacquer films from injector nozzles, valves, combustion chamber, undertray and piston ring grooves of the disassembled engine.



500 ml

Art. XA 40108
aerosol can

Advantages

- The most efficient currently available product for cleaning hard-to-remove contaminations.
- Easily removes carbon and high-temperature lacquer films.
- Quickly (within 3 minutes!) softens and dissolves all types of deposits from mechanisms and engine systems.

Application

Cleaning of a carburetor

Remove the air filter. Start the engine. Spray a plenty of the product onto all visible carburetor parts. While cleaning, maintain high rotation speed of the engine with the help of a throttle lever.

Cleaning of an injector screen

Spray a plenty of the product onto the throttle gate (into the air intake manifold) of the engine being warmed up and turned off. Let the engine operate at increased rotation speed for 3-5 min.

Cleaning of an exhaust gas recirculation valve

Dismantle the valve. Spray a plenty of the product onto contaminated valve surfaces. Wipe them dry in 3 minutes. Repeat the procedure if necessary.

Cleaning of parts

Spray a plenty of the product onto contaminated surfaces. Wipe dry in 3 minutes. Repeat the procedure if necessary.

Anticarbon treatment of rings

1. Warm up the engine. The engine should be warm but not hot.
2. Unscrew plugs (injectors). Disconnect the connector of the ignition timing sensor, Hall sensor or commutator.
3. Spray the product (during up to 5 seconds) into each cylinder through a hose nozzle. Screw the plugs. Wait 10-20 min. Unscrew the plugs. Cover the spark-plug wells with absorbing cloth so that dirt does not get onto the painted surfaces. Rotate the engine with the help of the starter for several seconds.
4. Place back the plugs (injectors).
5. Start the engine and let it run at an increased rotation speed of the crankshaft during up to 15 minutes. Within this time the softened rests of carbon will be removed through the exhaust system.

VitaFlush

Oil system cleaner with revitalization effect.

The product is applied to clean oil systems of gasoline and diesel engines of all types (including turbocharged ones) as well as transmission units. Completely removes all contaminations, tar deposits in pipes, and takes them away together with the used oil. Due to the revitalizant, it returns up to 70% of the lost metal. The cleaner is applied during oil change as a prophylactic cleaning and antiwear protection agent as well as an adaptive cleaner when you change for oil of different viscosity, type (for example, from mineral to synthetic), or manufacturer.



20 ml

Art. XA 40101
sachet of
cellophane foil

250 ml

Art. XA 40201
a can

Application

1. Introduce the required amount of VitaFlush into the warmed up mechanism through the oil filler or oil measuring hole.
2. Start the engine and let it idle within 10-15 minutes or drive 20 km (12.5 miles). If a thorough cleaning is required (in case of heavy contamination), drive 200 - 300 km (125 - 180 miles).
3. Change the oil and oil filter.

Advantages

- Provides complex cleaning of the engine oil system (transmission assemblies) from all types of contaminations.
- Restores mobility of oil scraper and compression rings.
- Eliminates sticking of hydraulic tappets.
- Cleans the crankcase ventilation system.
- Restores friction parts and protects them against wear.
- Increases engine power.
- Stabilizes parameters of the oil pump (increases oil pressure).

Dosage

VitaFlush	If applied regularly	If the system is heavily contaminated
Intensive cleaner	1 sachet for 1 L of oil	2 sachets for 1.5 L of oil
Cleaner	60 ml for 1 L of oil	100 ml for 1 L of oil

Notes

In order to achieve the maximum effect it is recommended to apply the cleaner during every oil change.

Compatible with all types of oil.

Does not contain acid, acetone and solvents.

Safe for nonmetal engine parts, lambda probes and catalyst converters.

Antigel +

The product is intended to reduce the pour point of diesel fuel. Superconcentrate. Contains high performance depressors and cetane improving components. Contains revitalizant.



100 ml

Art. XA 40902

200 ml

Art. XA 40302

500 ml

Art. XA 40002

1 L

Art. XA 40102

20 L

Art. XA 48502

60 L

Art. XA 40602

200 L

Art. XA 40702

Package: 100 ml to 1 L — a can;
20 L — a can; 60 and 200 L — a barrel.

Application

Introduce XADO ANTIGEL+ into the fuel tank filler at the rate of 1 ml of the product for 1 L of fuel.

Notes

Introduce XADO ANTIGEL+ warmed up to the temperature of +20...+25 °C into fluid (transparent) diesel fuel.

Does not require additional mixing.

Used for summer and winter fuel.

Recommended for application in winter and in case of drastic temperature drops.

Advantages

- The best currently available complex highly efficient product to improve low temperature properties of diesel fuel. Universal for all types of diesel fuel. Owing to the revitalizant, it effectively protects the plunger pair of the high pressure fuel pump from wear and seizure if moisture gets into the fuel.
- Reduces the pour point of summer diesel fuel from -10 °C to -22 °C, winter diesel fuel from -35 °C to -47 °C.
- Improves fuel pumpability through the filter and facilitates start of the diesel engine at a temperature below -10 °C.
- Universal for application to all types of diesel engine fuel systems, including Common Rail and pump-injectors (Pumpe-Düse).
- Contains the cetane number modifier.
- Increases engine power, reduces knocking.
- Optimizes the process of fuel combustion due to effective spraying, contributes to fuel savings.
- Prevents negative consequences of using low-quality fuel.
- Protects the fuel supply system of diesel engines against corrosion and oxidation.
- Improves the lubricating performance of diesel fuel.

XADO A/C

Restoring compound for automobile air conditioners. Contains R-134A refrigerant and synthetic oil with revitalizant.
Applied in all types of cooling systems operating on R-134A freon.



115 g
nominal
weight

340 ml
gross volume

Art. XA 60001
aerosol can

Advantages

- Extends the service life of the compressor and compensates wear of its parts.
- Makes up deficiency of refrigerant gas (freon) and oil.
- Returns elasticity and strength to cooling system gaskets and extends their service life.
- Restores hermeticity of the air conditioner and reduces losses of refrigerant gas (freon).

Dosage

For restoring treatment and refilling of the air conditioner: 1 can of XADO A/C for a system with up to 1.3 L capacity (1 kg) R-134A.

For restoring repair of the worn out compressor of an air conditioner: 2 cans for the system.

As preventive treatment for new and completely filled air conditioners: 1 can once a year.

Application

In order to fill the air conditioner, use a test-connector with a manometer.

Refrigerant 134A & Oil

R-134A Refrigerant with oil. Contains atomic revitalizant. It is used for filling (refilling) of automobile air conditioners operating on R-134A refrigerant.

Advantages

- Improves refrigerating capacity of the air conditioner.
- Compensates current wear of parts of the air conditioner compressor.
- Reduces noise and vibration.

Application

In order to fill the air conditioner, use a test-connector with a manometer.



330.5 g **600 ml**
nominal gross volume
weight

Art. XA 60002
aerosol can

Test-connector

Specially developed for automobile air conditioners operating on R-134A refrigerant.

Designed:

- to check if the air conditioning system is completely filled with refrigerant;
- to fill and refill automobile air conditioners.

XADO Refrigeration Oil

Synthetic oil for automobile air conditioners. Contains atomic revitalizant.

Specially developed for automobile air conditioners operating on R-134A refrigerant. Applied to household and industrial air conditioners operating on fluorohydrocarbon (HFC) refrigerants.



0.5 L
Art. XA 60203

20 L
Art. XA 68503

60 L
Art. XA 60603

200 L
Art. XA 60703

Package:
1 and 20 L — a can;
60 and 200 L — a barrel.

Advantages

- Formulated on the basis of esters and a complex of special additives.
- Possesses excellent lubricating ability, improved adherence to parts' surfaces, chemical and hydrolytic stability.
- Increases power of the compressor and raises its efficiency owing to superaccurate local adjustment of its parts to each other.
- Enhances refrigerating capacity of air conditioners by up to 5%.
- Extends the service life of compressors by 2-3 times and compensates current wear of their parts.

Requirements and approvals

Meets the requirements of the following specifications:

ISO-VG 100

XADO Refrigerant 134A

Refrigeration gas. Designed to fill (to refill) automobile air conditioners.

Application

In order to fill the air conditioner, use a test-connector with a manometer.



Art. XA 60004



500 g
Art. XA 60105
aerosol
can

13.6 kg
Art. XA 60005
can

ATOMIC

PRO-INDUSTRY MOTOR OIL w / REVITALIZANT

XADO ATOMIC PRO-INDUSTRY MOTOR OIL — special top-grade motor oils with revitalizant [RF 5.5].

Owing to high contents of XADO® revitalizant [revitalization factor RF 5.5], all ATOMIC oils provide the maximum possible level of antiwear protection as well as efficiently compensate current wear during operation of the engine.



XADO ATOMIC oils meet the highest requirements of the American Petroleum Institute (API), European Automobile Manufacturers Association (ACEA) and specifications of leading car manufacturers.



PRO-INDUSTRY MOTOR OIL w / REVITALIZANT

* RF
5.5

Revitalization Factor

Owing to high contents of XADO revitalizant [revitalization factor RF 5.5], ATOMIC oils provide the maximum possible level of antiwear protection as well as efficiently compensate current wear during the engine operation



200 L | XA 25706
60 L | XA 25606

SYNTHETIC EASY-FLOWING 5W-40 SL/CF

Top-grade easy-flowing synthetic motor oil with revitalizant [RF 5.5]. Applied to gasoline and diesel engines of passenger cars, minibuses, and light trucks. Perfectly suitable for modern high-powered engines, including multivalve and turbocharged ones.

SAE 5W-40 | API SL/CF | ACEA A3/B3/B4 | VW 502.00/505.00 | MB 229.3 | Porsche | BMW Longlife



MINERAL 15W-40 CI-4 DIESEL

Special top-grade mineral motor oil with revitalizant [RF 5.5] for diesel engines. Applied to diesel engines of passenger cars, trucks and other equipment.

SAE 15W-40 | API CI-4 | ACEA B4/E7 | GLOBAL DHD-1 | VW 505.00 | MB 228.3
Volvo VDS-2, VDS-3 | MAN 3275 | Renault (RVI) RLD | Mack EO/M PLUS | Cummins 20.072/1/6/7
200 L | XA 25714
60 L | XA 25614



MINERAL 10W-40 SG/CF-4 SILVER

Universal top-grade mineral motor oil with revitalizant [RF 5.5] for gasoline and diesel engines. Applied to gasoline and diesel engines (including those with turbocharging and direct injection) of passenger cars and trucks.

SAE 10W-40 | API SG/CF-4
MIL-L-46152 EC | MIL-L-2104 D | CCMC G4/D4/PD-2 | GM 6085-M | FORD M2C-153C
200 L | XA 25723
60 L | XA 25623



SEMI-SYNTHETIC 10W-40 DIESEL TRUCK

Semi-synthetic motor oil with revitalizant [RF 5.5] for diesel engines of trucks. Applied to all types of diesel engines of trucks and other equipment. Particularly recommended for Euro 4 (3) engines of freight trucks and buses operating under the conditions of extended oil change intervals.

SAE 10W-40 | API CI-4 | ACEA E4/E7 | MB 228.5 | Volvo VDS-2, VDS-3 | AN 3277 | DAF HP-2
MTU/DDC type 3 | Deutz DDO-III | Renault RXD/RLD-2 | Scania LDF | Cummins CES 2007/1/2/7. (2007B)
200 L | XA 25710
60 L | XA 25610



SEMI-SYNTHETIC 10W-40 SL/CI-4

Semi-synthetic motor oil with revitalizant [RF 5.5]. Applied to gasoline and diesel engines of passenger cars and trucks.

SAE 10W-40 | API SL/CI-4 PLUS | ACEA A3/B4/E7 | GLOBAL DHD-1 | VW 500.00/505.0
MACK EO/M PLUS | MAN 3275 | MB 228.3, 229.1 | MTU TYPE 2 | VOLVO VDS-2, VDS-3
CUMMINS 20.071/2/6/7/8 | RENAULT(RVI) RLD | ALLISON C-4 | ZF TE-ML 02C/03A/04B/04C/07C
200 L | XA 25709
60 L | XA 25609



SEMI-SYNTHETIC 10W-40 SL/CF

All-season semi-synthetic motor oil with revitalizant [RF 5.5] for passenger cars. Applied to all types of gasoline and diesel engines, including high-powered ones (multivalve engines, those with direct injection, turbocharging and intercooling).

SAE 10W-40 | API SL/CF | ACEA A3/B4 | VW 500.00/505.0 | MB 229.1 | PORSCHE | BMW Special Oil
200 L | XA 25744
60 L | XA 25644



SEMI-SYNTHETIC 5W-40 SL/CF CITY LINE

Semi-synthetic easy-flowing motor oil with revitalizant [RF 5.5] for passenger cars and light trucks. Applied to all types of gasoline and diesel engines, including high-powered ones (multivalve engines, those with direct injection, turbocharging and intercooling).

SAE 5W-40 | API SL/CF | ACEA A3/B4
GM-LL-B-025 | BMW Longlife | PORSCHE | MB 229.3 | VW 502.00/505.0
200 L | XA 25708
60 L | XA 25608



Atomex high-performance and high-technology car care products are designed for technical maintenance and care of fuel and oil systems of the engine. These are hi-tech additives and cleaners. The effectiveness of their performance is provided through combination of special active components and atomic revitalizant. The active components make the action of additives

instantly perceptible, the improvements in the engine operation can be noticed practically at once. The revitalizant builds a reliable protective barrier on the engine friction parts. This shield protects the parts against wear, enhances reliability and extends their service life.

Double esters and Revitalizant — double engine protection



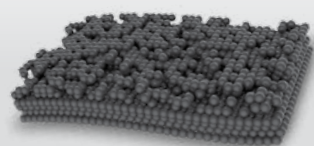
1 ESTERS

- Double esters provide perfectly light sliding between the engine friction parts.
- Decrease of friction losses results in reduction of fuel consumption.
- Double esters create a particularly durable lubricating film, and protect the engine in case of overloads.
- Owing to its particular adhesiveness, the oil with esters does not flow down from the cylinder walls and ensures superlight engine start at low temperatures.

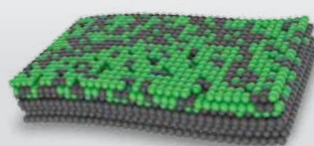
2 REVITALIZANT



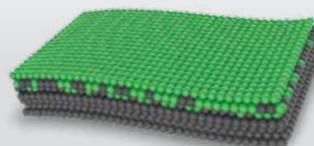
- Revitalizant builds a wear-resistant ceramic-metal coating on the friction surface.
- Restores working surfaces and compensates current wear.
- Creates a reserve of antiwear protective properties, prevents formation of possible defects on the friction surfaces during engine operation in the future.



1 Wear of the operating surface



2 Formation of a new coating



3 Completion of the surface modification

Atomex 2X Esters & Revitalizant

A motor oil additive designed to improve lubricating and protective properties of oil. Contains esters (compound ethers) and revitalizant.

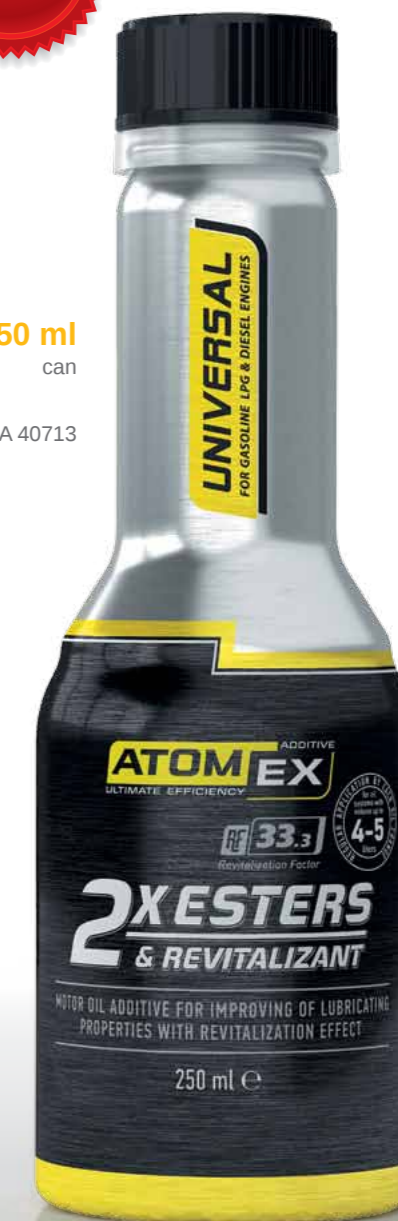
Advantages

- Improves lubricating properties of oil due to formation of a particularly durable lubricating film with perfectly light sliding.
- Owing to the revitalizant, a wear-resistant ceramic-metal coating is built on the friction surfaces of parts.
- Restores working surfaces and compensates their current wear.



250 ml
can

Art. XA 40713



Application

Introduce the compound into the oil-filler of the standing engine warmed up to the operating temperature. Let the engine idle during 2-3 minutes.

Dosage

1 can (250 ml) for 4-5 L of motor oil

Atomex F8 Complex Formula

Complex of additives for protection of the fuel system against low-quality fuel. Contains revitalizant.

Atomex F8 Complex Formula® is an uncompromising solution for absolute protection of the engine fuel system. The unique formula of the compound efficiently eliminates all negative factors of using low-quality fuel. It ensures optimal conditions for operation of the engine and its fuel system even in case of fueling with inferior fuel (eventual fueling with counterfeit fuel).

1 Reliably protects against adulterated fuel



2 Revitalizant builds an antiwear coating



REVITALIZANT

Advantages

- Brings characteristics of inferior fuel up to the level of leading brands.
- Provides operation of the engine like on sports gasoline if standard fuel is used.
- Eliminates all negative factors of using inferior fuel.
- Owing to the revitalizant, it increases operation reliability and extends the service life of system elements.



250 ml
can

Art. XA 40313
gasoline

Application

Introduce the compound into the fuel tank before fueling.

Dosage

1 can (250 ml) for 40-60 L of fuel



250 ml
can

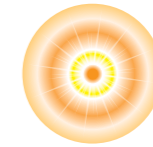
Art. XA 40213
diesel

Atomex Energy Drive

Complex of additives designed to enhance engine power and acceleration capability.

Atomex Energy Drive® is a high-performance product which provides a complex solution for achieving maximal engine power through increasing energy-conversion efficiency of fuel and creating optimal conditions for its combustion. Special combustion modifiers optimize operation of modern high-technology diesel engines which require high-quality fuel application.

1 Power amplifier



Provides the highest energy-conversion efficiency of every fuel droplet

2 Cetane-booster



Ensures an optimal regime for combustion of fuel and air mixture in the cylinder

Advantages

- Increases energy-conversion efficiency and effectiveness of fuel combustion.
- Increases octane/cetane number.
- Improves dynamic processes of fuel ignition and combustion.
- Enhances the engine thrust and reduces spin-up time in case of sudden acceleration.



250 ml
can

Art. XA 40413
gasoline

Application

Introduce the compound into the fuel tank before fueling.

Dosage

1 can (250 ml) for 40-60 L of fuel



250 ml
can

Art. XA 40513
diesel

Atomex Multi Cleaner

Effective fuel system cleaner.
Contains revitalizant.

Atomex Multi Cleaner® is a product for complex treatment of the engine fuel system. Exceptionally effective for cleaning and antiwear protection of the engine. Combination of innovative properties of the cleaner and protection quality provided by REVITALIZANT® makes the product properties unique and allows long and extremely reliable operation of the engine.



Advantages

- Safely and quickly removes all types of deposits and contaminations.
- Cleans the fuel system up to the level of technical cleanliness.
- It is a complete alternative to fuel injector bench cleaning.
- Owing to the revitalizant, it increases the operation reliability and service life of system elements.



250 ml
can

Art. XA 40313
gasoline

Application

Introduce the compound into the fuel tank before fueling.

Dosage

1 can (250 ml) for 40-60 L of fuel



250 ml
can

Art. XA 40213
gasoline

Atomex Total Flush

Engine oil system cleaner with the effect of anticarbon treatment of piston rings. Contains revitalizant.

Atomex Total Flush® is an effective complex solution for treatment of the engine oil system. REVITALIZANT® and a unique combination of special detergent and dispersant components provide cleaning of the oil system up to the level of technical cleanliness before changing oil, anticarbon treatment and mobility restoration of the piston rings as well as creation of an antiwear protection reserve for friction parts of the engine.

For gasoline, LPG and diesel engines.



Advantages

- Safely and thoroughly cleans the oil system from all types of contaminations.
- Cleans the engine oil system up to the level of technical cleanliness.
- Decokes and restores mobility of stuck piston rings.
- Owing to the revitalizant, it creates an antiwear protection reserve for the engine.

Application

Introduce the compound into the oil-filler of the non-working engine warmed up to the operating temperature. If the engine is heavily contaminated, for thorough cleaning of its oil system up to the level of technical cleanliness and anticarbon treatment of piston rings: drive 150 - 200 km (95 - 125 miles) in the normal mode. If applied regularly: let the engine idle during 10-15 minutes or drive 20 km (12.5 miles). Change the motor oil.

Dosage

1 can (250 ml) for 4-5 L of motor oil



250 ml
can

Art. XA 40613
universal

XADO[®]
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