



VMPAUTO

RESURS

COLLECTION

VMPAUTO.COM | INNOVATION IN LUBRICANTS

2021



Partners' success stories

Miguel Romero

VMPAUTO's partner in Costa Rica since 2018. Made RESURS the #1 engine product in his country.

And other partner's histories...

The growth is guaranteed

Products that will help you to conquer customer loyalty
Page 7

Customer care

gets on a new level with the products under private label
Page 5

Full cycle: from synthesis to packaging



We are VMPAUTO company, the manufacturer of lubricants and automotive chemicals from St. Petersburg.



There are a lot of chemicals manufacturers. What do we offer?

We never rest on the laurels.

Imagine that the largest lubricant manufacturers are elephants. Large, with a rich history, but at the same time, clumsy and slow. We are cheetahs - flexible and fast. To grow, we must be proactive. Therefore, we innovate faster than others and are more sensitive to every client.



VMPAUTO production facilities

Private label production from 1000 pcs

Choose from existing formulations or create your own product from 4000 formulations. Just give us 2 months from formulation development to finished product! We are the few who offer unique packaging - customizable sachets.

We supply products to more than 50 countries annually

Products for auto enthusiasts under the RESURS brand have russian and foreign patents (US 7, 375,060 B2) and are exported to South Korea, Hong Kong, Guatemala, Vietnam, Spain, Romania, etc.

We always track the quality

We are constantly certified according to international quality management standard ISO 9001.

Best regards,
VMPAUTO team

53 Countries
-importers

358 Products

51 Patents

1

Production

We synthesize lubricants according to our own recipes. Products are subject to quality control at all stages.



2

Packaging

Packaging products in containers of any capacity. Unique packaging from 2g or in tubes 200 ml tubes.



3

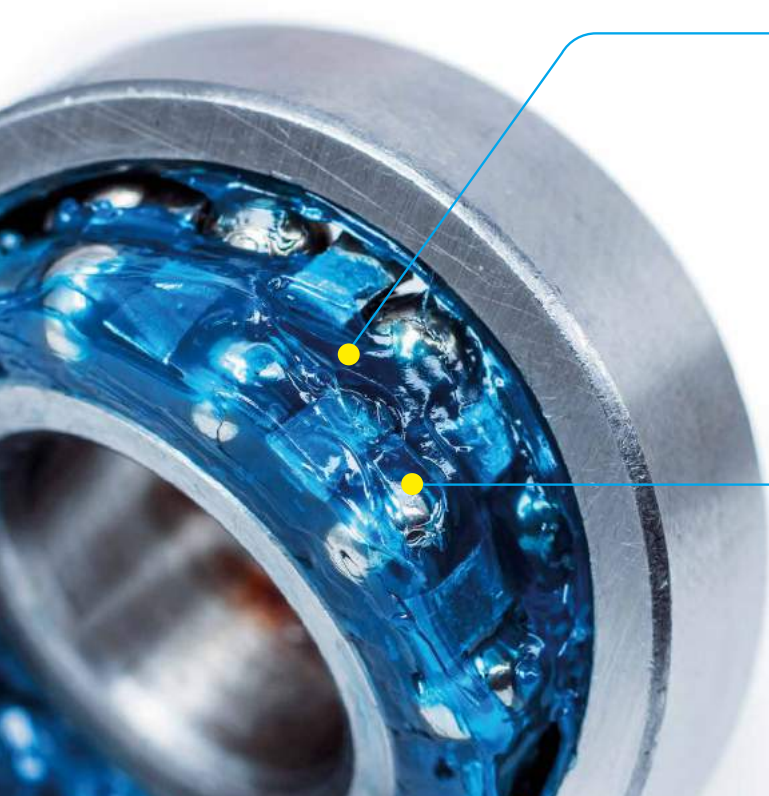
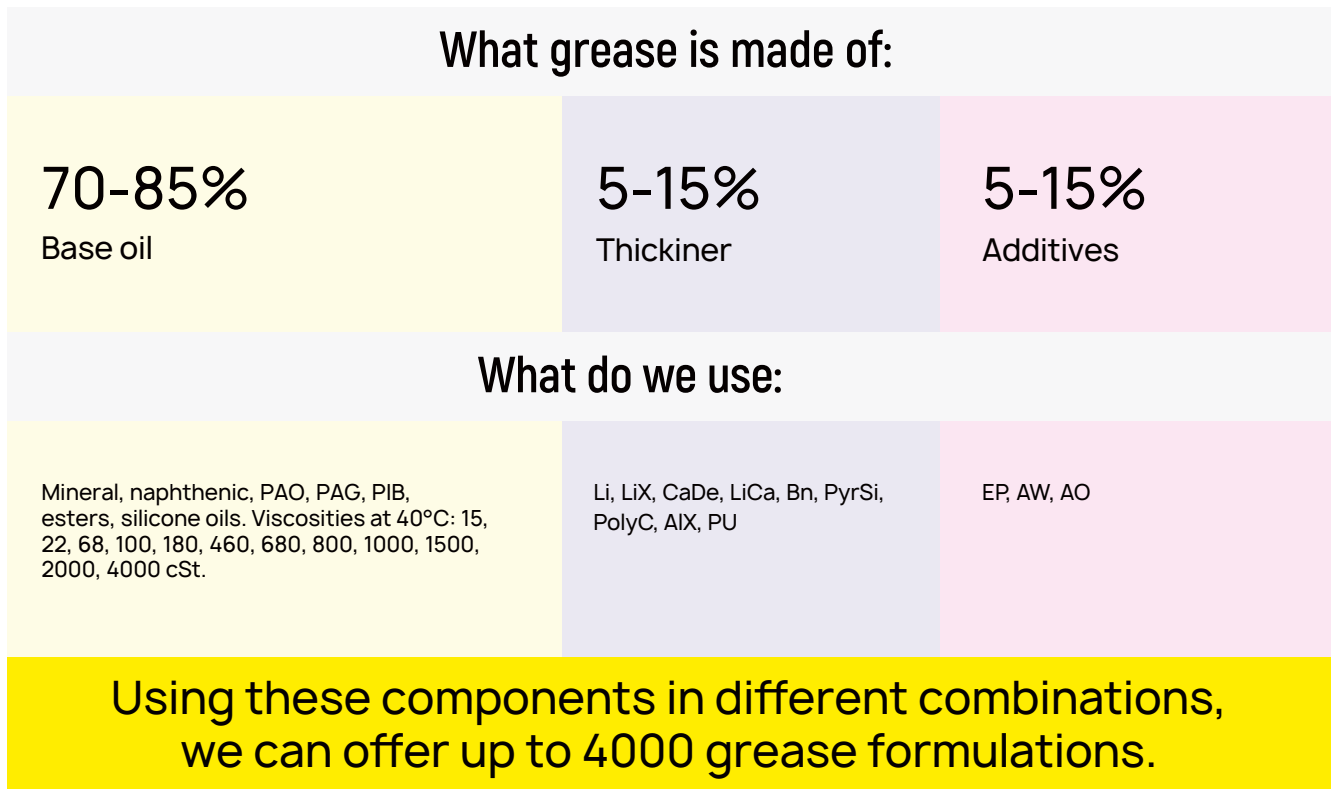
Application

The products are used in automotive services, food industry, mining, etc.



What is lubricating grease?

It is an integral part of any mechanism required for movement.



99,9% of grease is in volume

From here the grease enters the friction zone. Seals and protects against dirt and overheating.

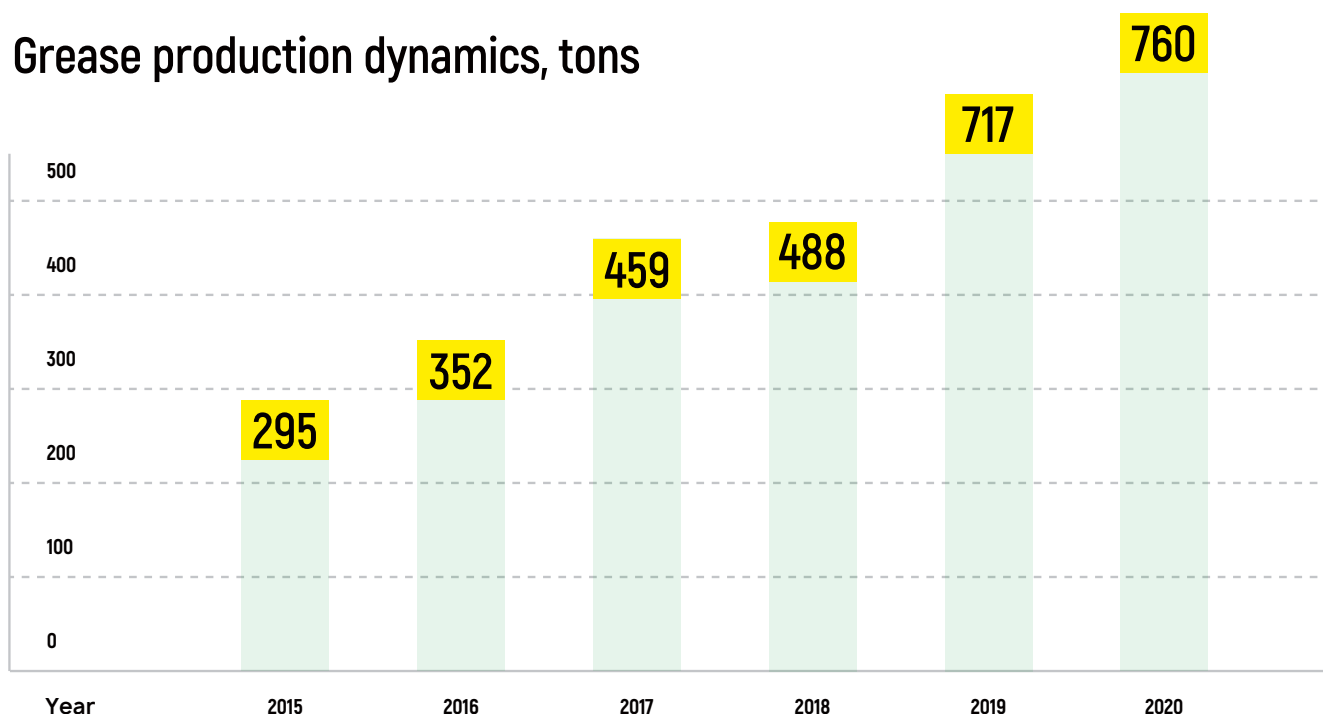
0.01% of grease protects in film

And only this small amount provides direct protection of parts against wear in the friction area.

25 years of sustainable development

The amount of our orders raises every day, that is why we permanently improving our production.

Grease production dynamics, tons



New Production line

In 2019, a new grease synthesis facility was opened. The high productivity of the facility is ensured by innovations in the technological process, as well as mechanization and automation of the main stages. Multi-stage filtration system, heating, cooling and recuperation heat systems, a unique reactor system to increase productivity and energy efficiency and, of course, its our software make the new facility unique in the city of St. Petersburg.

Private label production

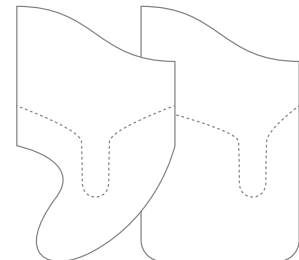
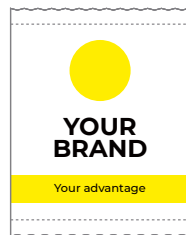
Today's trend is a complex approach of companies to the client. That is why we offer production of all products from this catalog under your brand.

We offer

1. A wide range of packaging and color solutions (sachets, tubes, cartridges, cans, buckets, etc.).
2. Design options: lithographic or labels.
3. MOQ - from 1,000 pcs.

STANDART PACK

Tube
Cartridge
Can
Bucket
Drum
and others



Choose your unique curly sachet

Individual design



Agreement

Flexible conditions for private label manufacturing



Design

Design development considering all wishes



Manufacturing

7days – average time for production



Delivery

FCA, CPT, DDP delivery*
*depends on the agreement and country



We will gladly provide you with free samples

E-mail us export@vmpauto.com to request them.



Case 1

Company Profile:

Engine valves manufacturer,
Germany

What we supply:

Grinding pastes (2 SKU)

Amount:

500 thousand pieces (2020)



Case 2

Company Profile:

Car parts manufacturer,
Spain

What we supply:

Special Caliper Greases (3 SKU)

Amount:

1.8 million pcs (2020)



Case 3

Company Profile:

Automotive chemicals
manufacturer, South Korea

What we supply:

Oil additive, HTHS stabilizer

Amount:

100 thousand pieces (2020)



Bestsellers

Products that have received consumer recognition and partners' loyalty.



RESURS Total

Oil additive. Significantly reduces oil burn, restores worn engine parts in old cars



VALERA master-grease

3in1 Penetrating synthetic master lubricant that converts rust into a protective layer



RESURS Decarbonizing Foam

Cleans the combustion chamber, valves, intake manifold from carbon deposits



RESURS Next

Oil additive. Significantly reduces oil burn, restores worn engine parts in old cars



Valve Grinding paste CLASSIC

Provides maximum compression of the combustion chamber. Grinding time – 1 minute



PAG

Polyalkylene glycol grease for piston and brake caliper guides



**Our pride is not
only products, but also
our partners**

Sergej Zdybaj



“

Here, in Lithuania, about 60 percent of cars are over 12 years old. Over the years, the VMPAUTO range of brake greases has helped to keep the brake systems of Lithuanian car owners in excellent condition, even when using non-original parts.



Lithuania

The latent threat of sick brakes

The proper grease returns the normal braking distance.

If you change the pads without caliper service, then each time it becomes more difficult for the brake pads to move: the grease becomes older, loses its plasticity, dirt gets under the protective covers, and corrosion appears. The skew of the pads, and jamming are inevitable.

A jammed caliper leads to overheating of the hub and failure of the wheel bearing, uneven braking, accelerated rubber wear, uneven pad wear, etc. This affects the braking distance and the accuracy of the dosing of the braking force - the effectiveness of the brakes is reduced.

Brake system vulnerability



Piston and guide pins corrosion and wedging:

Increased stopping distance



Misalignment, uneven brake pad wear:

Squeak



Disk overheating:

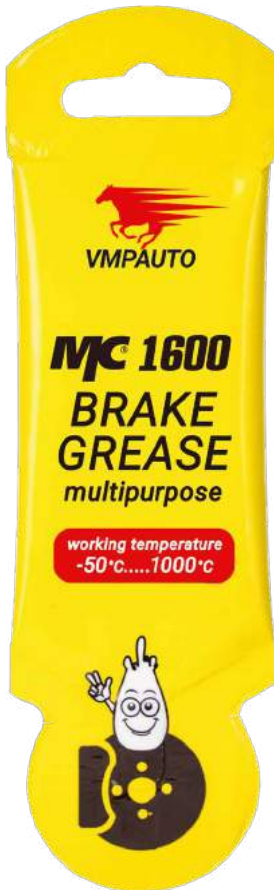
Beating steering



The piston should be lubricated

Express diagnosis of brake system

1. Remove the pads.
2. Press the brake pedal.
3. Press down on the piston with your hands to slide it in. If it is not possible, a lubrication of the piston is required. This can be done by pushing back the cover with a screwdriver.



Multipurpose grease for brakes

Provides mobility of caliper parts, uniform wear of the pads, and shortens braking distance.

- Operates from -50°C to $+1000^{\circ}\text{C}$
- Prevents corrosion
- Protects parts of the brake system from overheating
- Does not affect most rubber covers
- Resistant to water washout and reagents
- Does not interact with DOT 3, DOT 4, DOT 5.1

Prevents jamming of guide pins

Lubricated guides increase the life of pads and discs



Guide pins

Reduces braking distance

Proper piston movement makes the brakes more responsive.



Piston

Eliminates squealing of brakes

When applied to the non-working side of the pads, the grease effectively eliminates squeal.



Brake pads and caliper bracket



PAG LiX

**LOW WEAR IN
METAL-METAL FRICTION
ZONE**

Grease for caliper guide pins and piston

PAG is polyalkylene glycol grease with a lithium complex thickener. Analogue of TRW PFG110, Niglube RM, Febi 31942, Molykote G3407 greases.

PAG is resistant under conditions of small vibrational movements - a key characteristic for caliper guide pins, making hundreds of small back and forth movements in a single trip. Therefore, PAG is often recommended specifically for the caliper pins. It is also interesting that the polyalkylene glycol base of PAG grease does not react not only with DOT3, DOT4, DOT5.1 brake fluids, but also with DOT5 fluid, in the production of which silicone oils are used. This makes it usable for hydraulic applications.



Razvan Balanescu



The fact is that in Romania the concept of "decarbonization" is poorly developed. It is present only in relation to hydrogen decarbonization, which many consider, as they say here "SMECHERIE" (locally called "scam"). I think that the Foam Decarbonizer and the Engine Decarbonizing kit are truly a breakthrough of the year for Romania. These products can easily return people's faith in the word "Decarbonizare", which has deteriorated since the 90s due to different types of scam and cheating.



Romania

GET RID OF OIL BURN – PROLONG ENGINE'S LIFE



Deep engine cleaning – affordable alternative to engine overhaul.

Engines are inevitably contaminated with fuel and oil combustion products. Just imagine, a car with a consumption of 10l/100 km burns 10 tons of fuel per 100 thousand km. Deposits appear in the combustion chamber, in the oil channels, on the valves (important for direct injection engines). Contamination of the piston rings leads to increased oil burning and aggrava-

tion of the situation. The major cleaning without disassembly could be the best way to bring the engine to its original state. However, this requires a lot of money and time costs. We offer an alternative - Deep engine cleaning just in 2 hours and no disassembly. Cleaning the intake manifold, combustion chamber, valves, oil system and remetallization of worn engine surfaces.

FIRST COMPLEX DECARBONIZATION



1

Decarbonizing foam

Cleaning from the top of engine cylinders

In the engine's upper part, RESURS decarbonizing foam dissolves and removes deposits on the valves, in the intake manifold, on the upper part of the piston, and compression rings.

2

RESURS Decarboil

Cleaning from bellow inside engine

Decarboil RESURS is more than an engine flush. Releases oil scraper rings. It acts as a decarbonization but is used as an oil system flush.

3

Removed the carbon?

Add the metal!

RESURS metal nanoparticles cover the surface with shield layer, restoring and protecting the engine.

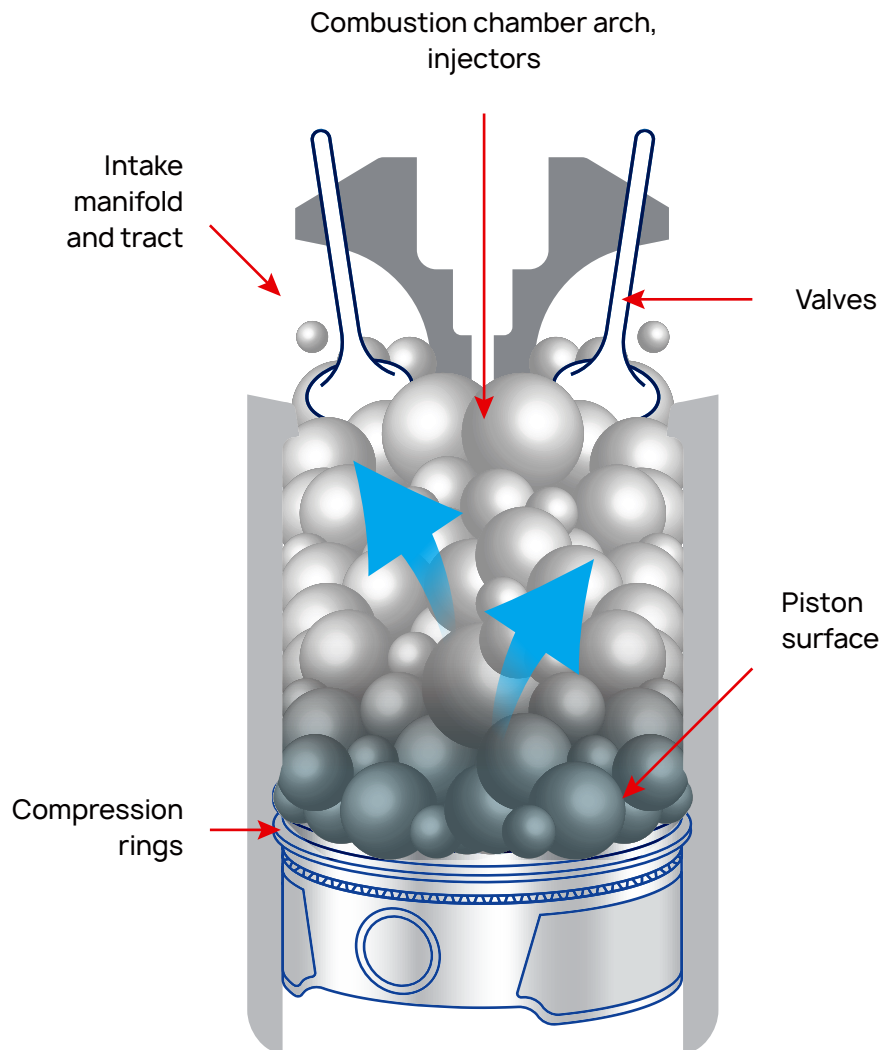
1
**GENERAL
ENGINE
CLEANING**
DECARBONIZING FOAM
TRIPLE ACTION

Decarbonizing foam RESURS

Uniform filling and cleaning of combustion chamber, piston, injectors, valves and intake manifold.



Volumetric filling and cleaning of combustion chamber



How is it used?

1. Carry out cleaning at an engine temperature of 50 °C. Set the pistons to the middle position. Unscrew spark plugs, fill combustion chamber or intake tract with cleaning foam.

t 50°C

recommended engine temperature for product application

2. Wait for the foam to settle (about 5 min.), then repeat the operation. The optimal number of repetitions is 5 times.
3. Pump out the contamination with a syringe and a straw which comes with the foam can.
4. Blow out the combustion chamber with compressed air. Screw in the spark plugs and start the engine.

5 CYCLES
5 x **5**
FOR **5** MIN

Product consumption



400 ml

Engine displacement up to **2.5l**



210 ml

Engine displacement up to **1.5l**

FOAM.SMAZKA.RU/ENG



2
GENERAL ENGINE CLEANING
 DECARBONIZING FLUSH
TRIPLE ACTION



Technical data and product application instruction

RESTRICTIONS 

The composition may affect the paint of the oil pan during flushing. After applying Decarboil on engines with a painted carter, make sure the paint is intact oil pan and remove the paint yourself if necessary. If the pallet is painted on the outside, then control of the condition of the paint is mandatory. If you find swelling, cracking, partial delamination after disassembling the oil pan, be sure to remove the remaining paint. Removing the paint will allow the following flushing procedures to be performed without removing the pan.

Get rid of oil burn!


It is not only valve and compression ring contamination that leads to oil burnout. Decarboil RESURS releases oil scraper rings and oil drainage channels through lubricating system.



What is a "Decarboil"?

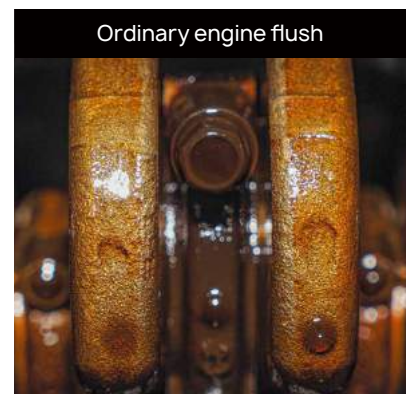
We did not find a product on the market that could be equal in strength to decarbonizer but used as an engine flush – high-performance cleaner and safe at the same time. Therefore, we are introducing a new term - «Decarboil».

Decarboil is a new class of products, the main purpose of which is the decarbonization of oil scraper rings.

 Washing away deposits and varnish improves the thermal balance of the engine, which is the basis of its effectiveness and durability

Professional Solution

There are a lot of flushes on the market and it is impossible to surprise with another product. However, most of them have poor performance in the fight against heavy contamination. They are designed to keep the engine clean. But if problems have already appeared in the form of oil burn, only strong remedy can help. It is Decarboil.



Reduces oil burning up to 3 times

For deep cleaning of heavily contaminated engines, it is recommended to apply RESURS Decarboil twice, changing the oil each time after a flush cycle.



Dissolves but not peels off the deposits

This is important when cleaning heavily contaminated engines. Peeled off deposits can lead to jamming of the oil system and oil starvation.



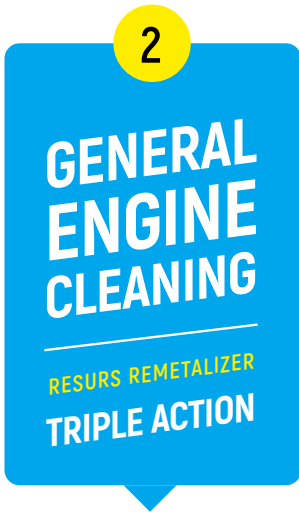
Releases oil scraper rings and channels

Struggles with the cause of oil burn. Contamination of the rings is inevitable - the engine burns fuel, and the combustion products settle on the rings.

RESURS Decarboil
relieves the rings

Usual engine
flush



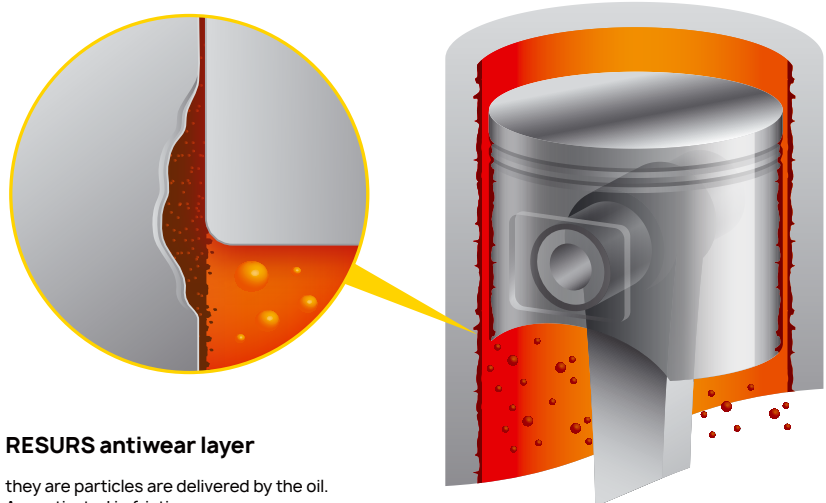


Removed the carbon? Add the metal!

RESURS Remetalization Technology
for Engine recovery and protection.

How RESURS works?

The RESURS nanoparticles fill the exposed wear traces after any engine cleaning method (hydrogen cleaning, decarbonization, flushing).



RESURS antiwear layer

they are particles are delivered by the oil.
Are activated in friction zones

- Reduces**
- Equalizes**
- Protects**

oil burn up up to
3 times

Compression

Engine parts
from wear



RESURS technology is
proven by the Polytechnic
University of St. Petersburg
(Russia)



Patent
RU 2247768



Patent
US 7, 375, 060 B2

RESURS remetalization technology is patented

RESURS help to pass Vehicle Inspection

Verificación is a special inspection in Mexico City. Smog is the main problem in the capital of Mexico. Therefore, every year all cars undergo a procedure for measuring the

concentration of exhaust gases in order to obtain a driving permit. RESURS helps to pass Verificación

RESURS reduces pollution up to 10 times!

just in 150 km

RESURS eliminates oil burning which is the main problem of old engines.



Tested with gas analyzer

During vehicle verification in Mexico, RESURS reduced the emission of polluting gas by 10 times.

Before

CO: 1,86%
 HC: 4027 ppm
 CO2: 7,3%
 O2: 4,39%

After RESURS

CO: 0,53%
 HC: 395 ppm
 CO2: 8,8%
 O2: 2,86%

NO. 11908015	NO. 11908015
VEHICLE: 012345	VEHICLE: 012345
FUEL :PETROL	FUEL :PETROL
DATE : 06-12-14	DATE : 06-12-14
TIME : 03:18:58	TIME : 03:22:34
CO % vol 1,86	CO % vol 0,53
HC ppm vol h 4027	HC ppm vol h 395
CO2 % vol 7,3	CO2 % vol 8,8
O2 % vol 4,39	O2 % vol 2,86
LAMBDA 0,989	LAMBDA 1,161
OIL deg C -----	OIL deg C -----
RPM 4 00	RPM 4 00

Test results during Verificación in Mexico

- Next Concentrated 17g
- Next 75g
- Universal 100g
- Total Engine 50g
- Fleet 150g
- Diesel 350g
- Total T for manual gearbox 50g
- Total AT for automatic gearbox 50g
- Moto 50g



Engine

Transmission

Moto

Eddie Rodas



RESURS
RESTAURADOR DE MOTORES

“

According to Waze (navigation application), Guatemala is the second busiest country in Central America. For this reason, the wear on our engines is higher. This is why we use the RESURS remetalizer to slow down the wear experienced by cars after a large number of operating hours.



Guatemala

RESURS on all international marketplaces



Marketplaces have long become not just online stores, but an effective way of communication with a clients when personal contact is impossible.



This product is really amazing. Nowadays, I do not know a product not even similar to this, it really does work and effectively ... highly recommended



Secrets of using and creating Resurs directly from the Guatemala team



Constantin Bruma



I see a great potential in Valera master-grease, because in the market of our country there is a huge number of various aerosol lubricants, but only Valera combines three different solution and works simultaneously. It is worth positioning the product correctly and success will not be long in coming.



Romania

Irreplacable mechanic's assistant

It is the first product that combines properties of penetrating oil, aerosol lubricant and rust converter.

Three actions at the same time



Deep penetration

Helps to unscrew jammed and rusty joints.



Converts rust

Contains a rust converter. Extends the service life of mechanisms.



Lubricates for long

Contains synthetic oil that does not evaporate and eliminates squeaks and noises for a long time.



Test yourself

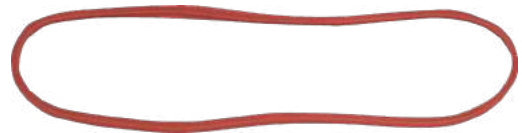
Place the rubber bands in penetrating oil, fill the first with Valera, and the second with a liquid key. Compare the size and elasticity after an hour.



After the "liquid key" the band swells and breaks



Elasticity and size of the band does not change



Vyacheslav Batrancea



AUTODOCTOR
rețea magazine piese auto



“

Recently, we have faced a huge excitement for grinding pastes from VMPAUTO. The fact is that I don't even know what other analogue from other countries can surpass this particular line of grinding pastes in terms of efficiency. Grinds quickly and it is extremely affordable.



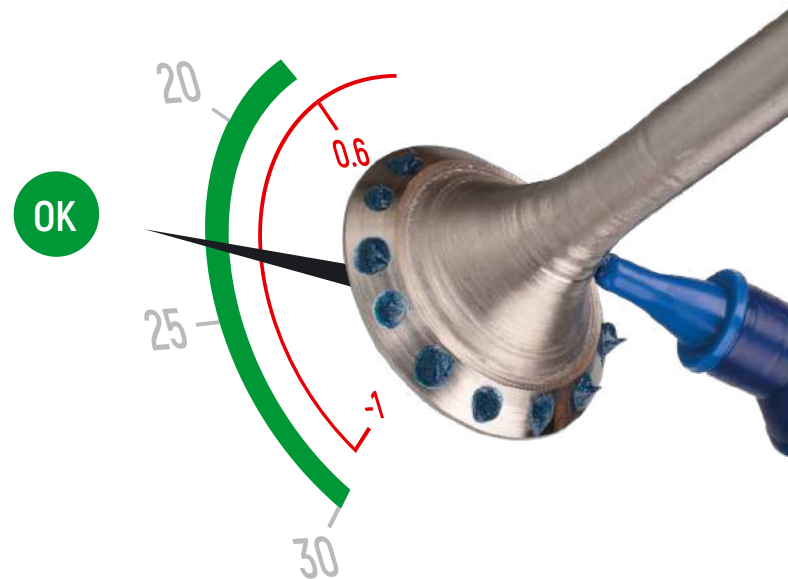
Republic of Moldova



Compression in 30 seconds

Grinding pastes are the key to the ideal engine functioning

Fast. Grinding time from 30 sec.
Economy. 100 valves with one bottle.



Main thing is – tightness of combustion chamber

The quality of grinding is confirmed by vacuum tester. This is an important process - compression depends on tightness, and in its turn, fuel consumption, power, vibration intensity, stability depend on compression.

For example, an Audi A8 Long W12 engine has 12 cylinders and 48 valves. You can spend a lot of working time on it, and as a result, you don't get the desired result. You'll have to do it all over again. Therefore grinding paste must initially provide a sufficient level of tightness of the combustion chamber.



Be the first!

Who will put grinding paste sachet in the valve kits.



Valve manufacturers and the experience of the best mechanics have inspired us to create a new packaging for a product well known in the market.

We have decades of experience in maintenance of the engine valves, but in another way - developing valve grinding pastes.



Engine assembly grease

Eliminates the risk of "dry" friction during the first engine launch after assembly.

1422 Tube 200 g

1425

Sachet 50 g



Protects the parts from wear

during first engine start after assembly

Completely dissolves

in the engine oil, without changing its properties

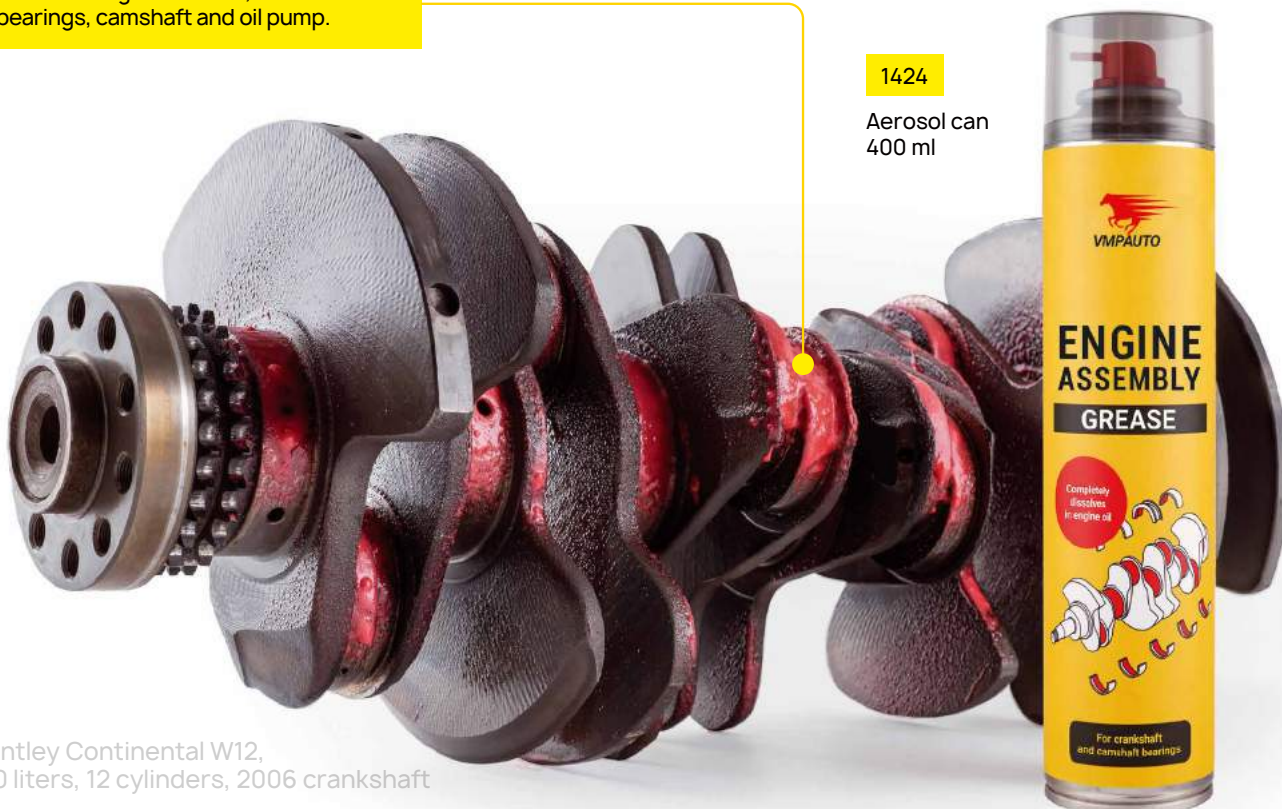
Better than engine oil

It remains on the surfaces of the engine during 5 years. Ideal for detail's conservation

For mounting crankshaft, bearings, camshaft and oil pump.

1424

Aerosol can 400 ml



Bentley Continental W12, 6.0 liters, 12 cylinders, 2006 crankshaft

Developing and producing industrial greases



MC 1000 CLS-0

Low-temperature grease for mining, automotive and road construction equipment



Pumpable to -40°C



Friction unit temperature

Применяется в автоматических централизованных системах смазки до -40°C для нагруженных подшипников качения, скольжения и направляющих.



MC 1000 CLS-1

Pumpable grease for mining, automotive and road construction equipment



Pumpable to -15°C



Friction unit temperature

It is used for lubrication of loaded rolling bearings, plain bearings and guideways. Perfectly adhered to friction units, protecting against wear





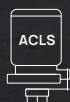
MC 1420 OGH

Grease for Electric Excavators and Ball Mills



Summer

Pumpable to -40°C



Friction unit temperature

It is used in automatic centralized lubrication systems (ACLS) for open and closed gears, hinges, guides and plain bearings.



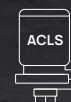
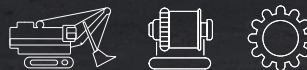
MC 1400 OGW

Low-temperature grease for Electric Excavators and Ball Mills



Winter

Pumpable to -40°C



Friction unit temperature

It is used in automatic centralized lubrication systems (ACLS) for open and closed gears, hinges, guides and plain bearings.



YOUR SUPERHERO TEAM

SERGIO

ELENA

LEO

EKATERINA



 fb.com/resurstotal  @vmpauto  +7(812) 601-05-53  export@vmpauto.com



FULL PRODUCT RANGE

en.smazka.ru/minicatalog

VMPAUTO.COM

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