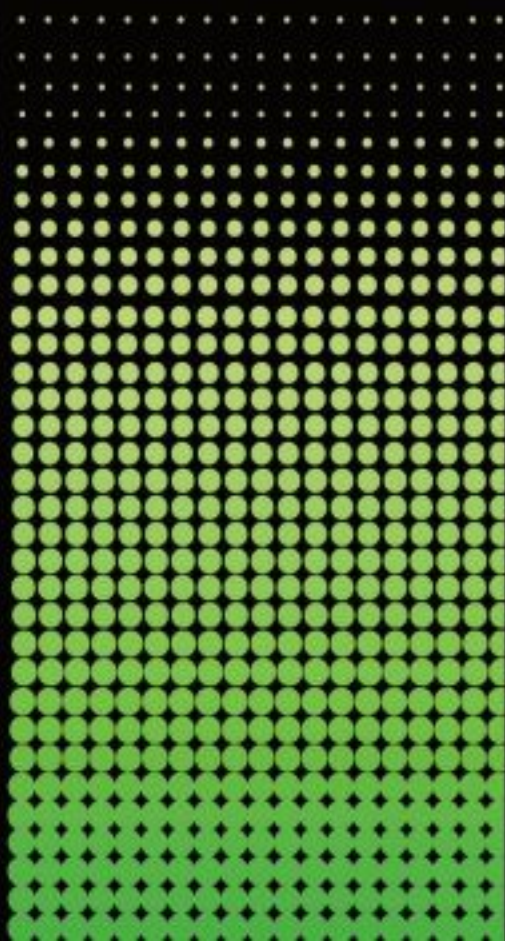




KOMESH

fa.komeshoil.co

en.komeshoil.co



RAHROVAN
KOMESH



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A photograph of an industrial facility, possibly a refinery or chemical plant. The scene is filled with a complex network of pipes, valves, and large cylindrical tanks. In the foreground, a large horizontal pipe runs across the frame. To the left, a vertical tank is labeled 'SP 101'. The background shows more industrial structures, including a tall vertical tank and a perforated metal wall on the right side. The lighting is somewhat dim, with some highlights on the metallic surfaces.

SP
101



KOMESH OIL CO.

TECHNOLOGY FOR NATURE

The name Komesh is derived from a historical land during the Achaemenid period, which was later renamed to Semnan.

For that reason, we chose the name of Kumesh for our collection, which is both a reminder of the glory of ancient Iran and one of the important states

located on the main silk trade route.

which expresses our long vision in the field of trade and export of high quality products and revives the historical name and high status of this land.

On the other hand, the habitat of the Iranian cheetah, which is a symbol of the land of Iran, speed and agility, and represents the quality and benefits of our products for all types of machines that use our products. May we be proud in this path.

ABOUT US

After decades of invaluable experience and activity in the petroleum field, we decided to establish Rahrovan Komesh company in 2013. To do that, we needed to provide primum-quality facilities and young committed experts. We finally gathered a team of the best experts and workforce to provide the ground for a pioneer oil business.

The factory was established in Semnan, Iran, and all the newest refining facilities were selected and bought from the developed countries and imported to Iran. Komesh is the ancient name of Semnan city, Iran. Komesh is a symbol of integrity and originality.

So, we integrated all the accumulated experience and years of research in the industry to finally reach a number of goals:

- To define higher standards in the oil industry
- To create jobs for the young and talented individuals
- To create environmentally friendly products that take care of our blue sky

Our products include the following:

- Base oil [SN600, SN500, SN350, SN, 150]
- Engine oil
- Industrial lubricants

All the products of Komesh company are manufactured by the most modern and environmentally friendly methods supervised by the best engineers and experts in the petroleum field. So, it's no surprise that we create such high-quality products. All these factors along with a strong management and high team integrity make us the best petroleum and oil refining company in the middle east.

Our philosophy

By all the enthusiasm and all the determination that we possessed, we created a philosophy for us. This work philosophy that is a made up of a number of principles:

- Sustainability
- Improving energy access throughout the world
- Mitigating emissions
- Outreach
- Employment for all the young
- Improving efficiency
- Growing the national economy

Customer satisfaction is our top priority. So, along with the highest quality, we focused on lowering the prices as much as possible. And since we have targeted the global market, we claim now we can satisfy all the customers globally. The reason for this is that our skilled technicians and engineers work tirelessly and enthusiastically to ensure that the products meet the highest standards in quality, reliability, and sustainability.



TK-101

TK-102

TK-103

TK-112

TK-113

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K-114

TK-115

TK-116

KOMESH

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TK-117

Base oils



SN100

SN100 base oil is a light base oil whose parameters for oil storage are at the lowest level. SN100 is mostly used in the production of lubricants and lubricant additives.

Some applications of SN100 base oil: mold oil, general oils, gear oil, metalworking fluids, additives, hydraulic oil, and transformer oils.

SN150

Base oil SN150 is one of the productions of Rahrovan Komesh company, which has wide applications in the industry. It is one of the best oils of group I, which has a suitable viscosity and a high flash point.

Some applications of SN150 base oil: in the formulation of gasoline and diesel engine oils, industrial lubricants, grease, and special products.



SN350

SN350 base oil has very impressive features that make it widely used in the manufacture of lubricants. Its features include high viscosity, high thermal stability, long life, high flash point and increased protection of components.

SN350 base oils produced by Rahrovan Komesh have the following applications: in the production and formulation of gasoline and diesel engine oils, gear oils, greases and industrial lubricants.



SN500

SN500 base oil is one of the highest-quality products of Rahrovan Komesh company, which has favorable characteristics. Among its advantages are stability of properties during operation, bright color, favorable oxidation and thermal stability, excellent viscosity, low volatility, high flash point, and low sulfur content.

SN500 base oil produced by Rahrovan Komesh Company has these applications: This oil is used in all types of gasoline, diesel, gas and dual fuel engine oils, industrial lubricants, grease and special products.



SN600

Base oil SN650 is one of the high-quality products of Rahrovan Komesh, which has special applications. 650 grade motor oil has very high viscosity, high thermal stability, and high concentration, very little amount of sulfur and impurities, very low volatility, and high flash point.

SN650 base oil produced by Rahrovan Komesh has these applications: hydraulic oil, transformer oil, oil used in industrial boilers, etc.



SN100

Property	Unite	Test Method	Specification	Typical Value
Kinematic Viscosity, 100°C	c.St	ASTM D-445	3-4	3.5
Viscosity Index, min	-	ASTM D-2270	MIN 90	TBR
Flash Point, min	°C	ASTM D-92	Min 180	180
Pour Point, max	°C	ASTM D-97	MAX -6	10
Density, 15°C, max.	Kg/l	ASTM D 1298	0.865	0.865
Color, max.	-	ASTM D-1500	1.5-2	1.9

SN150

Property	Unite	Test Method	Specification	Typical Value
Kinematic Viscosity, 100°C	c.St	ASTM D-445	5-6	6
Viscosity Index, min	-	ASTM D-2270	MIN 90	105
Flash Point, min	°C	ASTM D-92	Min 200	205
Pour Point, max	°C	ASTM D-97	MAX -6	-6
Density, 15°C, max.	Kg/l	ASTM D 1298	0.870	0.870
Color, max.	-	ASTM D-1500	1-1.5	1.2

SN350

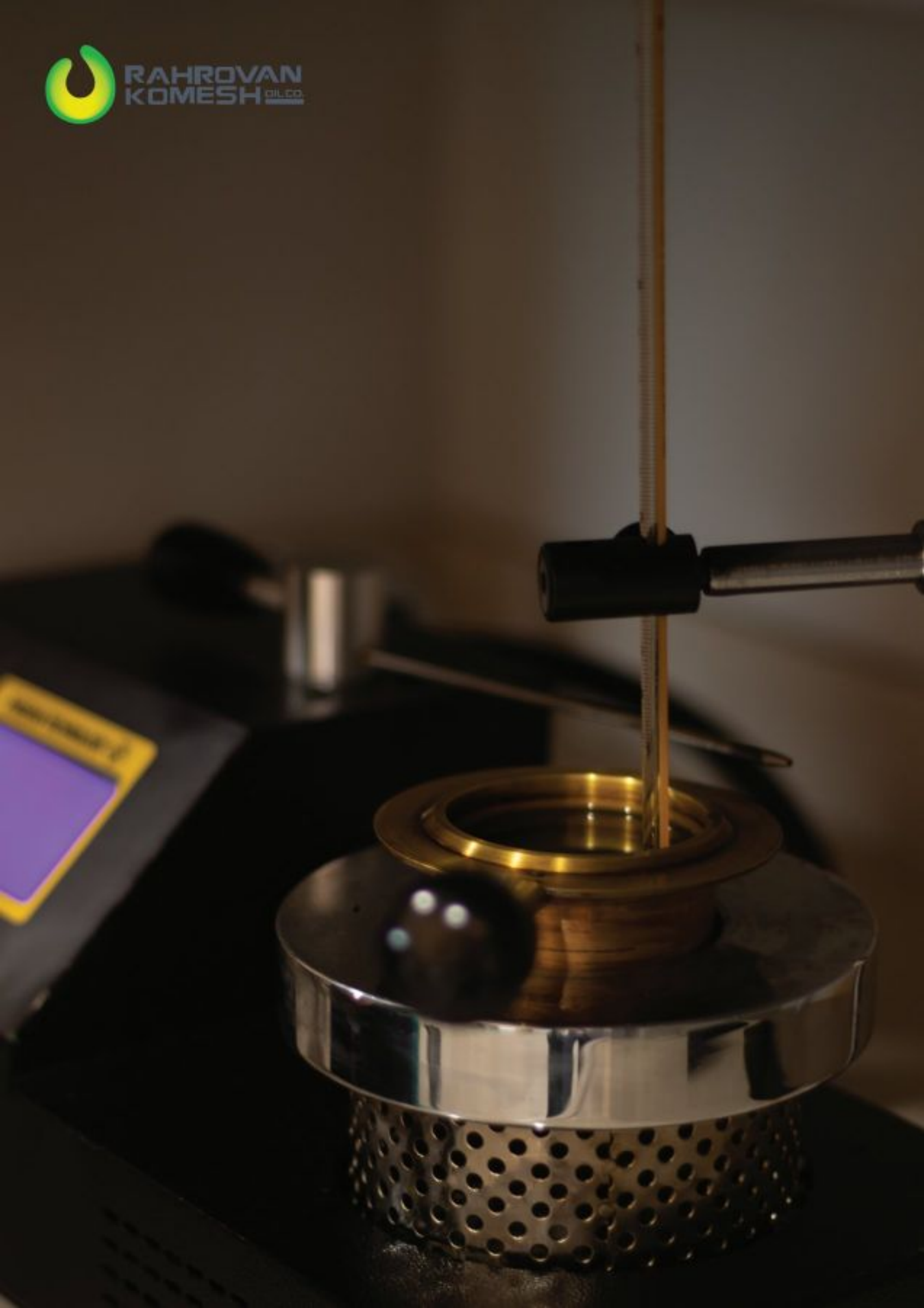
Property	Unite	Test Method	Specification	Typical Value
Kinematic Viscosity, 100°C	c.St	ASTM D-445	8-9.5	8.25
Viscosity Index, min	-	ASTM D-2270	MIN 90	102
Flash Point, min	°C	ASTM D-92	200-250	242
Pour Point, max	°C	ASTM D-97	MAX -6	-3
Density, 15°C, max.	Kg/l	ASTM D 1298	0.870	0.870
Color, max.	-	ASTM D-1500	1.5-2	1.9

SN500

Property	Unite	Test Method	Specification	Typical Value
Kinematic Viscosity, 100°C	c.St	ASTM D-445	9.5-11	10
Viscosity Index, min	-	ASTM D-2270	MIN 90	102
Flash Point, min	°C	ASTM D-92	200-250	260
Pour Point, max	°C	ASTM D-97	MAX -6	-3
Density, 15°C, max.	Kg/l	ASTM D 1298	0.885	0.885
Color, max.	-	ASTM D-1500	2-2.5	2.1

SN600

Property	Unite	Test Method	Specification	Typical Value
Kinematic Viscosity, 100°C	c.St	ASTM D-445	10.5-12	11.5
Viscosity Index, min	-	ASTM D-2270	MIN 90	100
Flash Point, min	°C	ASTM D-92	240-260	265
Pour Point, max	°C	ASTM D-97	MAX 0	-3
Density, 15°C, max.	Kg/l	ASTM D 1298	0.885	0.885
Color, max.	-	ASTM D-1500	2.5-3	2.9





Gasoline oil

API standards for gasoline engine oil

SN Fully synthetic gasoline engine oil for cars with the manufacturing technology from 2012 onwards

SM Fully synthetic gasoline engine oil for cars with the manufacturing technology until 2010

SL Semi-synthetic engine oil for cars with the manufacturing technology until 2004

SJ Motor oil with special formulation for cars with the manufacturing technology until 2001

SG Motor oil using high-quality base oils for cars with the manufacturing technology until 1993

SF SF quality level engine oil using high-quality materials

KOMESH ENGINE OIL – API SE

THIS ENGINE OIL PROVIDES HIGH DETERGENCY AND HIGH TBN. IT ASSURES HIGHLY CLEAN PISTONS AND RINGS, PREVENTS EXTREME FRICTION IN VALVES AND AXLE PARTS, AND MINIMIZES SLUDGE AND SOOT FORMATION.

THIS ENGINE OIL HAS HIGH ANTI-OXIDATION PROPERTIES THAT PROVIDE LONGER LIFE AND REDUCES DRAIN INTERVALS.

OTHER APPLICATIONS:

- POWER GENERATORS.
- MINING AND CONSTRUCTION MACHINERY.
- CD/SE API.

KOMESH ENGINE - API SG

PREMIUM QUALITY MULTI-GRADE ENGINE OIL MADE FROM HEAVY PURIFICATION OF BURNT OILS USING MODERN TECHNOLOGIES AND QUALITY AND SPECIAL ADDITIVES.

THESE MOTOR OILS WORK WELL IN GASOLINE ENGINES THAT REQUIRE API SG/CF-4 OIL STANDARD.

OTHER APPLICATION:

- API SG/CF-4
- MIL-L-46152D

KOMESH ENGINE SF

HIGH-QUALITY ENGINE OIL FOR GASOLINE ENGINES AND DIESEL ENGINES WITHOUT SUPERCHARGING. THIS MOTOR OIL IS MADE FROM QUALITY BASE OIL AND SELECTIVE ADDITIVES, WHICH FINALLY OBTAINED AN OIL WITH PERFORMANCE CHARACTERISTICS WITH SF/CC STANDARD.

OTHER APPLICATIONS:

VERY HIGH OXIDATION AND THERMAL STABILITY , GOOD FLUIDITY AT LOW TEMPERATURES, ESPECIALLY AT THE MOMENT OF STARTING , EXCELLENT CLEANING AND SUSPENDING ABILITY TO REDUCE DEPOSITS CAUSED BY COMBUSTION AND OXIDATION, PROPERTY NEUTRALIZATION OF ACIDS FROM COMBUSTION IN ORDER TO PREVENT CORROSION OF ENGINE PARTS , AND IS ENVIRONMENTALLY FRIENDLY.

KOMESH ENGINE OIL - API SJ

ADVANCED TECHNOLOGY MULTI-GRADE MOTOR OIL DESIGNED FOR EXCELLENT ALL-AROUND PROTECTION IN MODERN PASSENGER CAR ENGINES WITH GASOLINE OR DIESEL FUEL.

OTHER APPLICATIONS:

ALL NATURALLY ASPIRATED, TURBOCHARGED, AND MULTI-VALVE PASSENGER CAR ENGINES THAT REQUIRE API SJ/CG-4 ENGINE OIL

KOMESH ENGINE OIL - API SC-CC

THIS ENGINE OIL IS FORMULATED FOR GENERAL SERVICE NATURALLY ASPIRATED GASOLINE AND DIESEL ENGINES THAT PROVIDE ROAD TRANSPORT SERVICES AND CARRY MEDIUM TO LIGHT LOADS.

OTHER APPLICATIONS:

- LIGHT AND MEDIUM GASOLINE AND DIESEL ENGINES
- HYDRAULIC SYSTEMS AND POWER TRANSMISSION

TECHNICAL SPECIFICATIONS:

- API SC/CC
 - MIL-L-2104
-

KOMESH ENGINE OIL – API SL

ADVANCED TECHNOLOGY, SEMI-SYNTHETIC, EXCELLENT YEAR-ROUND PROTECTION ENGINE OIL FOR ALL TYPES OF TURBOCHARGED PETROL/DIESEL ENGINES. THIS OIL IS FORMULATED FROM HIGH-QUALITY MINERAL/SYNTHETIC BASE STOCKS AS WELL AS SELECTED ADDITIVES THAT MAINTAIN EXCELLENT VISCOSITY AND PROVIDE EXCELLENT ENGINE PROTECTION.

OTHER APPLICATIONS:

- ALL NATURALLY ASPIRATED AND TURBOCHARGED PASSENGER CAR ENGINES THAT REQUIRE MULTIGRADE OILS THAT MEET THE API SL/CF STANDARD.
- COMMERCIAL TURBOCHARGED DIESEL ENGINES.

KOMESH ENGINE OIL - API SM

HIGH-PERFORMANCE SYNTHETIC MOTOR OILS DESIGNED TO PROVIDE AN EXCEPTIONAL LEVEL OF ENGINE PROTECTION UNDER THE MOST DEMANDING DRIVING CONDITIONS.

THIS OIL COMPLIES WITH THE ENVIRONMENTAL STANDARDS IN TERMS OF SULFUR, SULFATED ASH, AND PHOSPHORUS (SAPS) CONTENT, WHICH ARE SET FOR MODERN ENGINE OILS AND SPECIAL ADDITIVES THAT PROTECT ENGINES FROM SLUDGE AND GLAZE.

OTHER APPLICATIONS:

- NATURALLY ASPIRATED AND TURBOCHARGED PASSENGER CARS THAT REQUIRE API SM/CF AND MULTI-GRADE OIL.







KOMESH DIESEL – API CD

THIS ENGINE OIL IS SPECIALLY FORMULATED AND DESIGNED FOR USE IN HEAVY DIESEL VEHICLES WITH TURBO-CHARGERS AND DIESEL VEHICLES THAT WORK IN HARSH CONDITIONS.

THIS OIL ALSO REDUCES SLUDGE ACCUMULATION ON CYLINDER WALLS, PISTON SKIRTS, AND AROUND VALVES.

OTHER APPLICATIONS:

- HEAVY DIESEL ENGINES THAT REQUIRE SAE50 STANDARD OIL OR STATIONARY DIESEL GENERATORS.
- MINING, AGRICULTURAL AND CONSTRUCTION MACHINERY.



Diesel oils

KOMESH DIESEL - API CF

A HIGH-QUALITY DIESEL ENGINE OIL FOR USE IN HIGH-SPEED TURBOCHARGED ENGINES.

THIS OIL IS MADE ON THE BASIS OF HIGH-QUALITY MINERALS, HIGH VISCOSITY INDEX, AND SUITABLE ADDITIVES.

OTHER APPLICATIONS:

. HEAVY-DUTY TURBO AND SUPERCHARGED DIESEL ENGINES. ALSO USED IN MINING AND CONSTRUCTION EQUIPMENT.

.10W DIESEL OIL IS USED IN HYDRAULIC SYSTEMS FOR CONSTRUCTION.

KOMESH DIESEL - API CH-4

KOMESH DIESEL CH-4 IS A PREMIUM-QUALITY MULTIPURPOSE DIESEL ENGINE OIL FOR USE IN THE SEVERE SERVICE DEMANDS OF MODERN DIESEL ENGINES. IT PROVIDES OUTSTANDING PROTECTION AGAINST OIL THICKENING, HIGH TEMPERATURE, ENGINE DEPOSITS, SLUDGE BUILD-UP, OIL DEGRADATION, AND CORROSION.

OTHER APPLICATIONS:

- ALL MODERN TURBO-CHARGED DIESEL ENGINES THAT ARE EQUIPPED WITH EGR (EXHAUST GAS RECIRCULATION) SYSTEM.
- MARINE DIESEL, AGRICULTURAL, MINING & ROAD CONSTRUCTION MACHINERY.
- CERTIFIED BY MERCEDES BENZ AND VOLVO.

KOMESH DIESEL - API CI-4

HIGH-QUALITY, SEMI-SYNTHETIC ENGINE OIL FOR DIESEL ENGINES THAT PROVIDES HIGH PROTECTION FOR MODERN HEAVY-DUTY DIESEL ENGINES AND ALSO REDUCES FUEL CONSUMPTION. THIS IS A STABLE ENGINE OIL RECOMMENDED FOR USE IN A WIDE RANGE OF HEAVY-DUTY APPLICATIONS.

OTHER APPLICATIONS:

- MODERN DIESEL ENGINES AND MACHINERY, BOATS, AND LAWN-MOWERS THAT REQUIRE API CI-4 OILS.
- ALL MODERN TURBOCHARGED DIESEL ENGINES ARE EQUIPPED WITH EGR (EXHAUST GAS RECIRCULATION) SYSTEM.
- MARINE, AGRICULTURAL, MINING, AND ROAD CONSTRUCTION DIESEL MACHINES.

KOMESH ENGINE OIL – API SE

THIS ENGINE OIL PROVIDES HIGH DETERGENCY AND HIGH TBN. IT ASSURES HIGHLY CLEAN PISTONS AND RINGS, PREVENTS EXTREME FRICTION IN VALVES AND AXLE PARTS, AND MINIMIZES SLUDGE AND SOOT FORMATION.

THIS ENGINE OIL HAS HIGH ANTI-OXIDATION PROPERTIES THAT PROVIDE LONGER LIFE AND REDUCES DRAIN INTERVALS.

OTHER APPLICATIONS:

POWER GENERATORS.

فشار قلب در استروئین



فشار قلب در استروئین



فشار قلب در استروئین



فشار قلب در استروئین



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فشار قلب در استروئین



فشار قلب در استروئین



KOMESH LOCOMOTIVE OIL EMD

IS A ZINC-FREE ENGINE OIL FOR MEDIUM-SPEED EMD AND DIESEL-POWERED ENGINES IN LOCOMOTIVE AND STATIONARY POWER APPLICATIONS.

OTHER APPLICATIONS:

- RAILROAD MEDIUM-SPEED DIESEL ENGINES.
- MOBILE AND STATIONARY DIESEL ENGINE.
- OPERATING UNDER MODERATE TO HIGH LOADS.

KOMESH GENERATOR ENGINE OIL – API CD

KOMESH GENERATOR ENGINE OIL WITH EXCELLENT PERFORMANCE IS SUITABLE FOR SUPERCHARGED AND NATURALLY ASPIRATED DIESEL ENGINES, IT IS ALSO HIGHLY RECOMMENDED FOR USE IN POWER GENERATORS, AND FINALLY, IT PROVIDES HIGH RESISTANCE TO FRICTION IN DIESEL ENGINES.

OTHER APPLICATIONS:

- POWER GENERATORS
- MINING AND CONSTRUCTION MACHINERY.

KOMESH TRACTOR STOU ENGINE OIL

MULTIPURPOSE ENGINE OIL WITH SPECIAL QUALITY SUITABLE FOR "SUPER TRACTOR OIL UNIVERSAL (STOU)" LUBRICANTS. THIS OIL IS SUITABLE AND EFFICIENT FOR A WIDE RANGE OF AGRICULTURAL TRACTORS AND OFF-ROAD EQUIPMENT.

OTHER APPLICATIONS:

THIS ENGINE OIL IS VERY EFFICIENT FOR THE POWER TRANSMISSION SYSTEM, HYDRAULIC SYSTEM, AND OTHER AUXILIARY SYSTEMS INSTALLED FOR HYDRAULIC AND POWER TRANSMISSION SYSTEMS. ESPECIALLY MODEL 10W IS USED FOR HYDRAULIC SYSTEMS.





A close-up photograph of a car's oil dipstick. The dipstick is partially submerged in a reservoir of dark, viscous oil. A stream of golden-brown oil is being poured from a container into the dipstick's opening. The background is blurred, showing parts of the car's engine compartment. Two vertical green bars are positioned on the left side of the image, one above and one below the text.

Car gear oil

For automatic gearboxes
of passenger cars model
2003 onwards

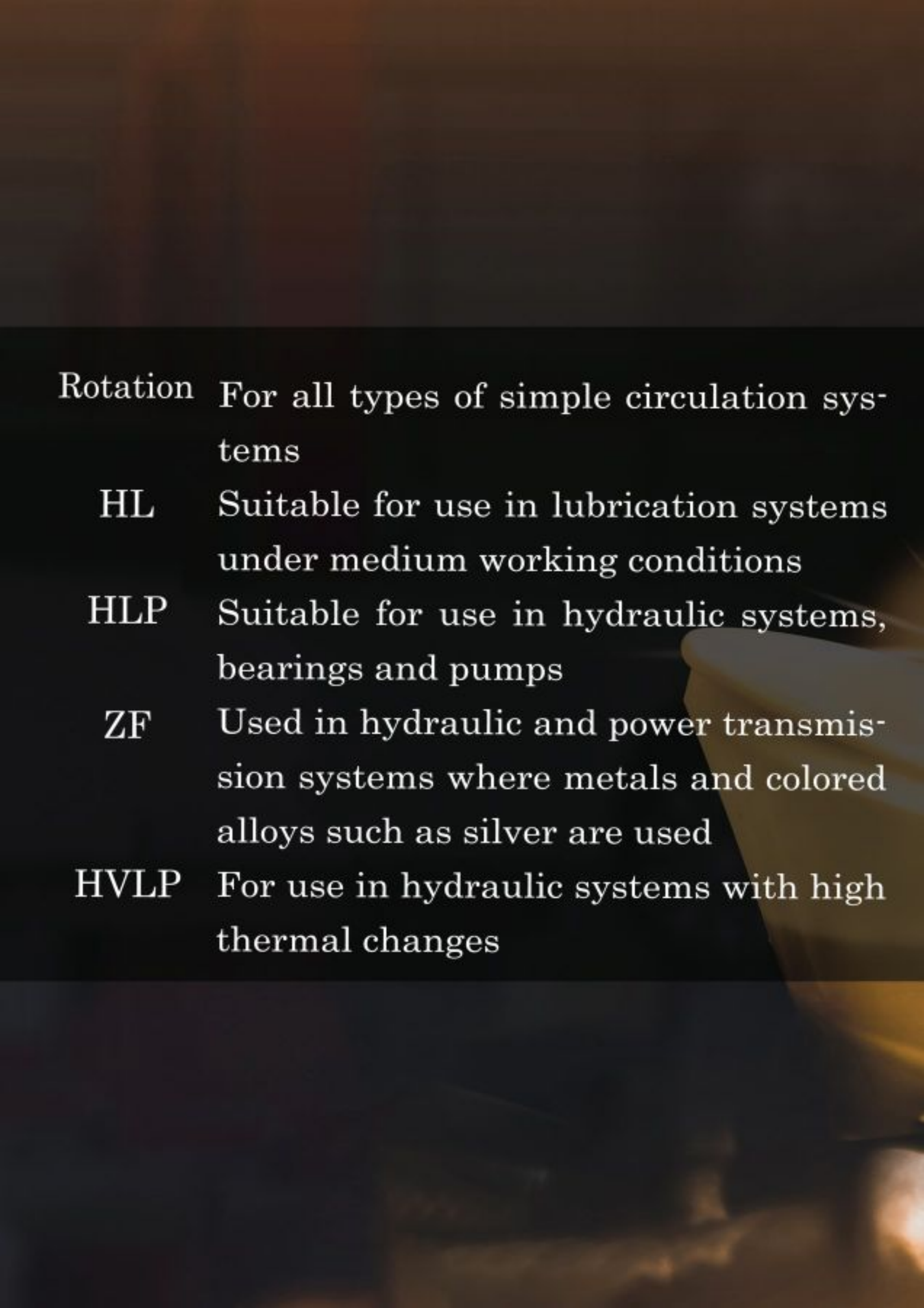


For automatic
gearboxes and
hydraulic steering
boxes in passenger

Hypoid gears and
differentials

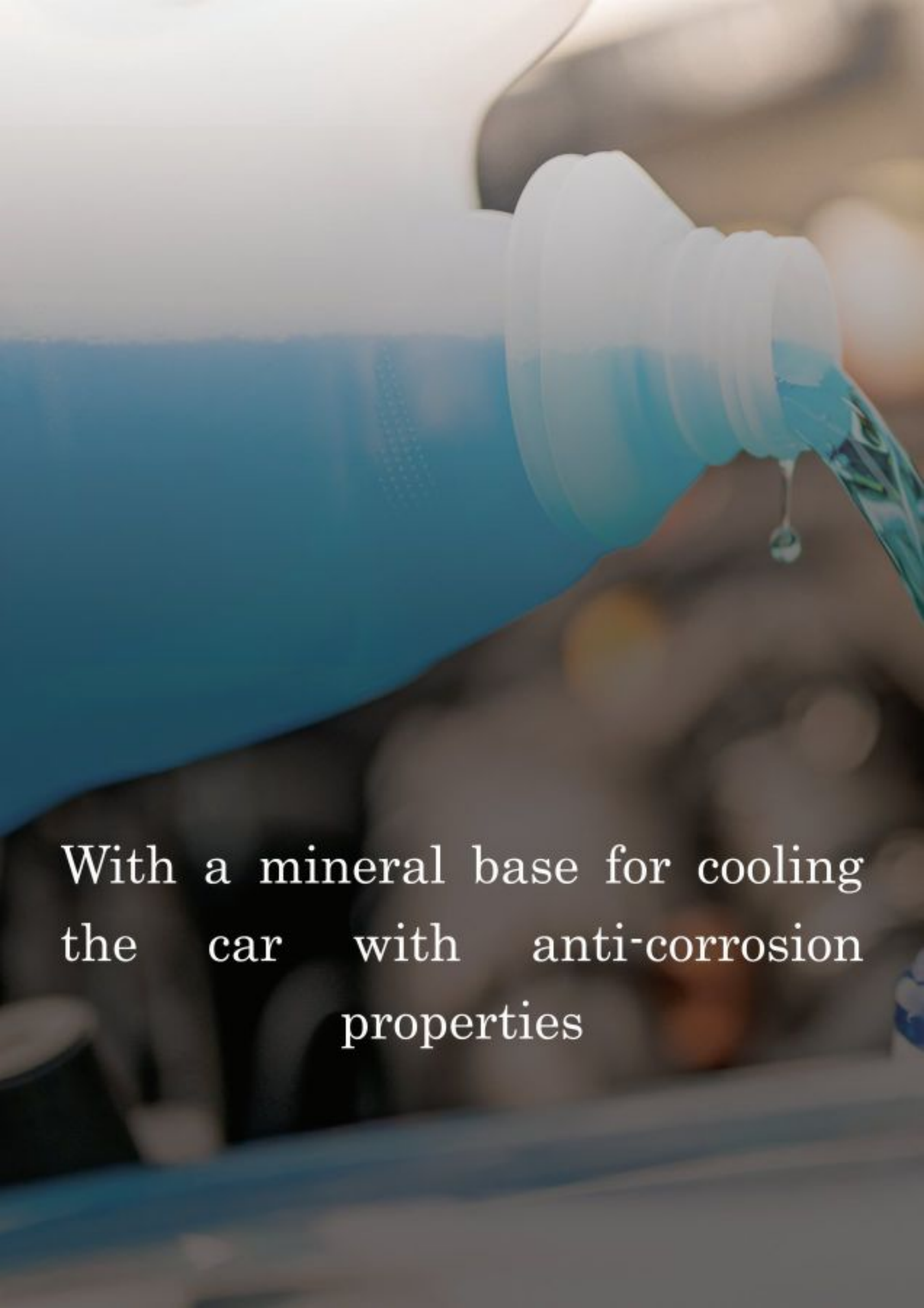


Hypoid gears

- 
- Rotation For all types of simple circulation systems
- HL Suitable for use in lubrication systems under medium working conditions
- HLP Suitable for use in hydraulic systems, bearings and pumps
- ZF Used in hydraulic and power transmission systems where metals and colored alloys such as silver are used
- HVLP For use in hydraulic systems with high thermal changes

A close-up photograph of a hydraulic system component, possibly a valve or actuator, with a green vertical bar on the left side. The background is dark and industrial, with some metallic surfaces and a circular opening visible. The text "Hydraulic oils" is overlaid in white, bold font.

Hydraulic oils



With a mineral base for cooling
the car with anti-corrosion
properties



Antifreeze





**RAHROVAN
KOMESH OIL CO.**



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