



Ravan
Sazan
Sanat

Barababas[®]

LUBRICANTS

- DIESEL & GASOLINE ENGINE OIL
- AUTOMATIC TRANSMISSION FLUID
- HYPOID & MANUAL GEAR Oil
- INDUSTRIAL LUBRICANTS
- MOTORCYCLE ENGINE OIL
- 2-STROKE ENGINE OIL
- HYDRAULIC FLUID



API SN 5W-20



**Ravan
Sazan
Sanat**

www.ravansazansanat.com



Barabos
EXTREME ENERGY
Motor Oil

This product is formulated and made from top quality full-synthetic base oil with additives and valve additives suitable for four seasons and all weather climates with the latest technology in the world.

Barabos Specifications:

- High thermal stability
- Excellent Shear Stability Index
- Excellent anti-oxidation and anti-rust properties
- Prolonged useful life of engine.

Barabos Applications:

Suitable for use in all types of gasoline and turbocharged engines and all engines that has the API Specially formulated recommended by the manufacturer.

Attention:
Always combine petrol oils together and containing them simultaneously on the mixer.

ملاحظات:

تولید کننده این روغن موتور شرکت ران سazan است.
این روغن موتور را می توان در تمام موتورهای بنزینی و توربوشارژر که در آنجا توصیه شده است استفاده کرد.
همیشه روغن های موتور را با هم ترکیب نکنید و در یک ظرف همزمان استفاده نکنید.

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Barabos
EXTREME ENERGY

**API SN
5W-20**

FULL SYNTHETIC MOTOR OIL

- INISO 22261 A3/B4-16
- ACEA RN 0700 level
- Renault VW 505 00
- Volkswagen VW 501 01
- VW 502 00



Outstanding
Protection &
Performance



About us

Attention to the increasing trend of gasoline cars and the development of road transportation and the development of industries, Ravansazan Sanat company was started in 2019 to supply all kinds of gasoline and diesel motor lubricants and all kinds of industrial lubricants. This company tried to obtain technical knowledge and prepared advanced laboratory and research facilities and equipped and safe space for production and packaging of high quality products, and absorb engineers and expert and experienced persons. Finally in 2021 began to produce various products including lubricating oils and coolants under the brand name Barababas on a very wide scale. All of these products with the latest world technology and the use of the best types of mineral and synthetics base oils are produced with European additives approved by the world's major car companies .

Ravan Sazan Sanat Company is undertaken to providing a quality product, consumer satisfaction and environmental protection, and along with the latest technological advances in the world, has succeeded in obtaining ISO9001: 2015, ISO14001, ISO45000, ISO 10002 certifications from the international institute TÜV. The compiled booklet is a quick and reliable guide for the optimal use of the products of Ravan Sazan Sanat Company.

www.ravansazansanat.com

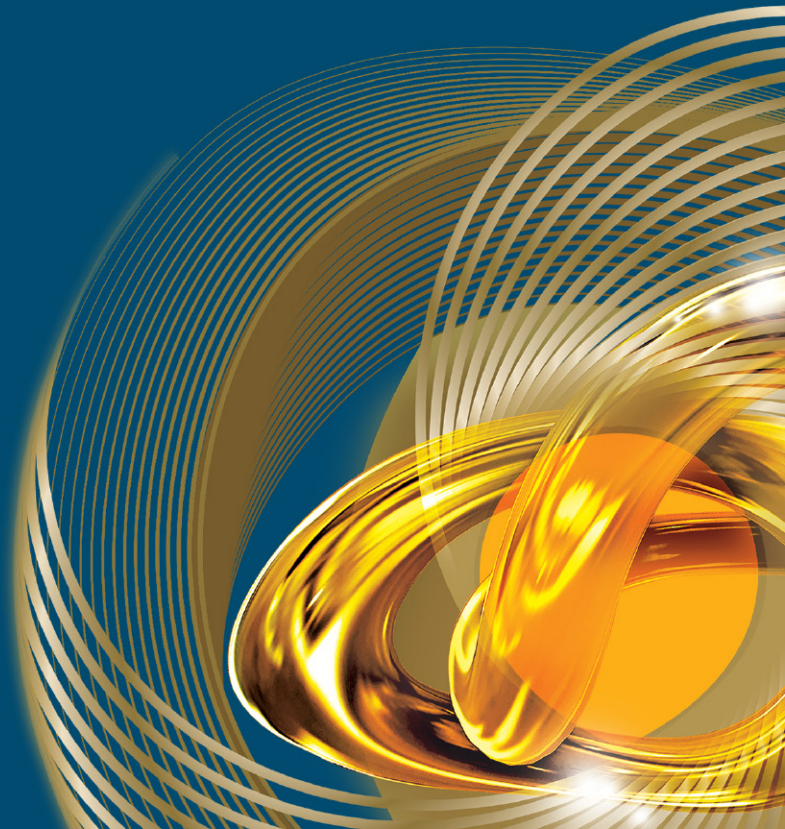


PRODUCTS CATALOGUE

2024

A Brand of

**Ravan
Sazan
Sanat**



Ravan
Sazan
Sanat



Barabas[®]

GASOLINE



ENGINE OIL

EXTREME ENERGY
EXTRA ENERGY
SUPER ENERGY
BARABAS ENERGY



EXTREME ENERGY

SN

FULL SYNTHETIC MOTOR OIL

This product is prepared from full synthetic base oil and high quality additives for use in passenger cars, light trucks and vans of 2011 and above. This oil has the ability to work properly in different seasons and weather conditions. This product has all the properties of a super engine oil, including high viscosity index, excellent viscosity stability of the product during consumption, excellent anti-corrosion, anti-wear and anti-oxidation properties, etc.

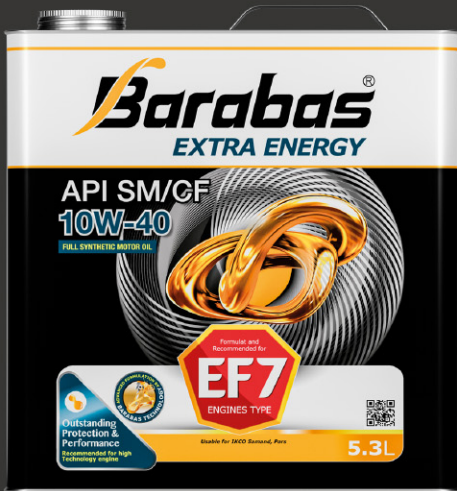


Application:

Suitable for use in all types of gasoline and turbocharged engines and all engines with API SN quality level.

Parameters	Unit	10W-40	0W-20	5W-20	5W-30	5W-40	Test Method
Viscosity@100°C	cSt	15	8	8.4	11.5	14.5	ASTMD445
Viscosity Index	-	150	160	161	170	170	ASTMD2270
Flash Point	°C	210	200	200	210	210	ASTMD92
Pour Point	°C	-30	-42	-42	-42	-42	ASTMD97





EXTRA ENERGY

SM/CF

FULL SYNTHETIC MOTOR OIL

Application:

Can be used in all types of gasoline engines, turbocharged and supercharged engines and all engines that are recommended at this level.

This product has been produced using full synthetic base oil and first-class additives for engines of 2006 and above models. The formulation used in this oil reduces fuel consumption, increases the life of the engine and has highly compatible with the harmful gas emissions control system. This oil will perform the duties of excellent gasoline engine oil in difficult conditions and different weathers.

Parameters	Unit	10W-40	5W-30	Test Method
Viscosity@100°C	cSt	14.5	11.5	ASTMD445
Viscosity Index	-	150	170	ASTMD2270
Flash Point	°C	210	210	ASTMD92
Pour Point	°C	-36	-42	ASTMD97





SUPER ENERGY

SL/CF

SEMI SYNTHETIC & MULTI GRADE MOTOR OIL

This oil is formulated and made using high quality mineral and synthetic base oil with suitable and valid additives utilizable in all seasons and weather conditions with the latest technology in the world. The additives used in it increase the thermal stability against oxidation. This product contains detergents to prevent of making combustion deposits and its use leads to increased engine life and power, easy start and quick lubrication of parts. Excellent shear stability, control of fuel consumption are other features of this product.



Application:

Is recommended for gasoline and diesel engines requiring an API SL/CF performance level

Parameters	Unit	10W-40	20W-50	Test Method
Viscosity@100°C	cSt	15	19	ASTMD445
Viscosity Index	-	150	120	ASTMD2270
Flash Point	°C	210	220	ASTMD92
Pour Point	°C	-30	-24	ASTMD97





ENERGY

SJ/CF

SEMI SYNTHETIC & MULTI GRADE MOTOR OIL

This product is prepared from high quality mineral and synthetic base oil and special additives. Due to having suitable additives, it is able to increase the life and power of the engine. This oil has outstanding properties such as high thermal stability against oxidation, high detergency to prevent of making combustion deposits, suitable shear stability and good lubrication properties. This engine oil has the desired function in all seasons and in every weather conditions.

Application:

Is recommended for gasoline and diesel engines requiring an API SJ/CF performance level

Parameters	Unit	10W-40	20W-50	Test Method
Viscosity@100°C	cSt	15	19	ASTMD445
Viscosity Index	-	150	120	ASTMD2270
Flash Point	°C	210	220	ASTMD92
Pour Point	°C	-30	-24	ASTMD97



Barabas®

DIESEL



ENGINE OIL

- ULTIMATE VIGOR
- EXTREME VIGOR
- ULTRA VIGOR
- EXTRA VIGOR
- VIGOR LENJE
- VIGOR FARM
- BARABAS VIGOR





ULTIMATE VIGOR

CK-4

SYNTHETIC DIESEL ENGINE OIL

This product is made of synthetic base oil and high-quality additives, which can provide excellent protection of the oil against oxidation and excellent protection against wear and corrosion of engine parts.

This product guarantees maximum power and minimum exhaust emissions in very difficult working conditions. This oil can be used for the latest and most modern supercharged diesel engines.



Application:

Suitable for use in heavy road and non-road vehicles as recommended in the manual of this performance level.

Parameters	Unit	10W-40	Test Method
Viscosity@100°C	cSt	15.5	ASTM D445
Viscosity Index	-	155	ASTM D2270
Flash Point	°C	220	ASTM D92
Pour Point	°C	-36	ASTM D97





EXTREME VIGOR

CJ-4

SYNTHETIC DIESEL ENGINE OIL

This product is formulated and made from high-quality synthetic base oil and special additives for advanced and modern diesel engines with the Euro VI emission standard, and high thermal stability, excellent protection of the engine in hard working conditions, and maintaining the viscosity of the oil in these conditions are among the features. In addition, one of the other benefits of using of this product, reducing fuel consumption.

Parameters	Unit	10W-40	Test Method
Viscosity@100 °C	cSt	15.5	ASTM D445
Viscosity Index	-	155	ASTM D2270
Flash Point	°C	220	ASTM D92
Pour Point	°C	-36	ASTM D97



Application:

Suitable for use in road , agriculture, mines vehicles and all supercharged and turbocharged diesel engines in cases where the above performance level is recommended.



Barabas

ULTRA VIGOR

CI-4

SEMI SYNTHETIC & MULTI GRADE DIESEL ENGINE OIL

This motor oil is prepared from the combination of high-quality base oils and valid additives and has an acceptable capability in the field of cleaning and dispersing soot and particles caused by combustion. Anti-wear properties, anti-corrosion, excellent resistance to oxidation in high temperature conditions and maintaining viscosity in long-time operations are other properties of this product.



Application:

It can be used for four-stroke, heavy supercharged and turbocharged diesel engines that have CI-4 performance level recommended in their technical manual.

Parameters	Unit	10W-40	Test Method
Viscosity@100°C	cSt	15	ASTM D445
Viscosity Index	-	150	ASTM D2270
Flash Point	°C	220	ASTM D92
Pour Point	°C	-36	ASTM D97





EXTRA VIGOR CH-4

SEMI SYNTHETIC & MULTI GRADE
DIESEL ENGINE OIL



This product is prepared from high quality imported base oil with valid additives for consumption in different weather conditions. Proper cleaning properties of this product prevent from formation of deposits due to combustion and increase engine life. Anti-wear, anti-corrosion and anti-oxidation properties are other advantages of this oil. This oil has excellent lubrication power of bearings at low temperatures and especially when used in short and very long distances.

Application:

Suitable for use in all diesel, four-stroke, supercharged and turbocharged engines whose CH4 quality level is recommended in their manual.

Parameters	Unit	15W-40	20W-50	Test Method
Viscosity@100 °C	cSt	15	19	ASTM D445
Viscosity Index	-	140	125	ASTM D2270
Flash Point	°C	220	220	ASTM D92
Pour Point	°C	-27	-27	ASTM D97



Barabas®

VIGOR LENJE

CF-4

MARINE DIESEL ENGINE OIL

This product is prepared and produced from high-quality paraffinic base oil and suitable additives with modern technology. The presence of excellent additives protects the engine as much as possible, and this product also has a suitable alkaline property to neutralize the acids resulting from fuel combustion, that leads to increase in the life of the oil during use.



Application:

Suitable for use in all light marine diesel engines.

Parameters	Unit	50	20W-50	Test Method
Viscosity@100 °C	cSt	20	19	ASTM D445
Viscosity Index	-	90	125	ASTM D2270
Flash Point	°C	240	225	ASTM D92
Pour Point	°C	-12	-24	ASTM D97



Barabas

VIGOR FARM

CD

MONO GRADE DIESEL ENGINE OIL

This product has been produced using paraffinic baseoil obtained from crudeoil refining with additives suitable for use in heavy diesel engines. The use of these additives has made anti-wear, anti-corrosion, anti-oxidation and thermal stability properties, and with its high alkalinity, it protect engine against acidic compounds. Also, anti-fouling properties and the use of detergents will keep the engine clean and cool. This product is a high performance engine oil that in addition to the mentioned properties, will also reduce fuel consumption.

Parameters	Unit	50	Test Method
Viscosity@100 °C	cSt	20	ASTM D445
Viscosity Index	-	90	ASTM D2270
Flash Point	°C	240	ASTM D92
Pour Point	°C	-9	ASTM D97



Application:

Suitable for use in supercharged diesel engines and gasoline engines in cases where the CD quality level is recommended.



Barabas

VIGOR

CD

MONO GRADE DIESEL ENGINE OIL

This product has been produced using paraffinic base oil obtained from crude oil refining with additives suitable for use in heavy diesel engines. The use of these additives has made anti-wear, anti-corrosion, anti-oxidation and thermal stability properties, and with its high alkalinity, it protect engine against acidic compounds. Also, anti-fouling properties and the use of detergents will keep the engine clean and cool. This product is a high performance engine oil that in addition to the mentioned properties, will also reduce fuel consumption.

Parameters	Unit	50	Test Method
Viscosity@100°C	cSt	20	ASTM D445
Viscosity Index	-	90	ASTM D2270
Flash Point	°C	240	ASTM D92
Pour Point	°C	-9	ASTM D97



Application:

Suitable for use in supercharged diesel engines and gasoline engines in cases where the CD quality level is recommended.





Barabas[®]



TRANSMISSION & HYDRAULIC FLUID

SIGMA GL-5
DELTA GL-4
KAPA ATF
BARABAS HYDRO



SIGMA GL-5

GEAR OIL
FOR HYPOID GEARBOXES

This product is formulated and made by using high quality paraffinic & synthetic base oils and the best additives for resistance to high pressures. This oil is able to lubricate the manual gearbox of passenger cars in the best way to minimize wear and friction. Very good thermal stability and resistance to oxidation will prevent formation of acidic sludge and will increase the life of the oil. Excellent load bearing capacity at low speed / high torque and high speed / low torque are other advantages of this product. The formulation of this oil contains various additives including anti-foam, anti-corrosion, anti-corrosion and EP additive. This product is produced and offered in different grades and volumes.

Application:

Suitable for use in all non-automatic gearboxes of light and heavy gasoline and diesel vehicles and all transmission systems that this standard is recommended.

Parameters	Unit	75W-80	75W-90	85W-90	85W-140	Test Method
Viscosity@100°C	cSt	8.5	14	17	27	ASTM D445
Viscosity Index	-	130	180	85	85	ASTM D2270
Flash Point	°C	170	190	200	205	ASTM D92
Pour Point	°C	-36	-42	-18	-15	ASTM D97



DELTA

GL-4

GEAR OIL FOR MANUAL GEARBOXES

This product is formulated and made by using high quality paraffinic & synthetic base oils and the best additives for resistance to high pressures. This oil is able to lubricate the manual gearbox of passenger cars in the best way to minimize wear and friction. Very good thermal stability and resistance to oxidation will prevent formation of acidic sludge and will increase the life of the oil. Very good load bearing capacity at low speed / high torque and high speed / low torque are other advantages of this product. The formulation of this oil contains various additives including anti-foam, anti-corrosion, anti-rust and EP additive. This product is produced and offered in different grades and volumes.



Application:

Suitable for use in manual gearboxes of gasoline and diesel vehicles operating in high speed, low torque or low speed, high torque conditions.

Parameters	Unit	75W-80	75W-90	85W-90	85W-140	Test Method
Viscosity@100°C	cSt	8.5	14	17	27	ASTM D445
Viscosity Index	-	130	180	90	85	ASTM D2270
Flash Point	°C	170	190	200	205	ASTM D92
Pour Point	°C	-36	-42	-18	-15	ASTM D97





KAPA ATF

FULL SYNTHETIC AUTOMATIC TRANSMISSION FLUID

This product has been produced by using high quality synthetic base oil and suitable and valid additives in accordance with the latest technology in the world, which will make it cause to easy change gears and not vibration the clutch. Very high stability against changes in viscosity in long operations, excellent anti-wear and anti-foam properties and stability against oxidation are other advantages of using this product. This product is offered in 1 liter containers and for use in power transmission systems and automatic gearboxes of modern and new types of gasoline and diesel vehicles.



Application:

suitable for use in automatic gearboxes of vehicles and hydraulic steering boxes of all types of gasoline and diesel vehicles, also the hydraulic system of many of industrial devices

Parameters	Unit	KAPA III	KAPA VI	Test Method
Viscosity@100°C	cSt	8.5	6.1	ASTM D445
Viscosity Index	-	190	155	ASTM D2270
Flash Point	°C	202	190	ASTM D92
Pour Point	°C	-39	-45	ASTM D97





KAPA ATF CVT

This product is designed using synthetic base oil and suitable additives for vehicles with continuously variable transmission system. This oil with high oxidation and thermal stability properties, favorable anti-friction properties and the ability to reduce the shock caused by gear shifting can be used in any operating conditions. The use of this oil will lead to proper acceleration and easy driving.

Application:

Can be used in continuously variable automatic gearboxes (CVT) in belt and chain types and all cases where this quality level is recommended.

Parameters	Unit	CVT	AL 4	Test Method
Viscosity@100°C	cSt	7.3	7.7	ASTM D445
Viscosity Index	-	190	178	ASTM D2270
Flash Point	°C	225	220	ASTM D92
Pour Point	°C	-45	-45	ASTM D97

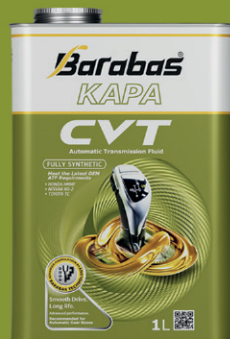
FULL SYNTHETIC AUTOMATIC TRANSMISSION FLUID

AL4

This product is prepared and produced using synthetic base oil and suitable additives with special formulation for use in four-speed gearboxes. This oil has high heat resistance, anti-friction and anti-corrosion properties, excellent shear stability, and favorable anti-wear properties and, as a result, reducing the shock caused by gear shifting are other characteristics of this product.

Application:

Can be used in 4-speed automatic gearboxes and all cases where this quality level is recommended.





KAPA ATF SP IV

This product is designed and developed using fully synthetic base oil and suitable additives with excellent performance for use in modern Japanese and Korean cars and cars equipped with a 6-speed and higher power transmission system. This product is able to cause to clutch work smoothly and without vibration with its proper anti-wear and anti-friction properties. Excellent fluidity in low temperatures and, as a result, ease of gear shifting in cold temperatures, as well as good acceleration and easy driving will be the results of using this product.

Application:

It can be used in Japanese and Korean passenger cars equipped with a 6-speed and higher power transmission system and all items that this performance level is recommended.

Parameters	Unit	SP-IV	DCT	Test Method
Viscosity@100°C	cSt	5.5	7	ASTM D445
Viscosity Index	-	160	175	ASTM D2270
Flash Point	°C	210	220	ASTM D92
Pour Point	°C	-45	-45	ASTM D97



FULL SYNTHETIC AUTOMATIC TRANSMISSION FLUID

DCT

This product is designed using synthetic base oil and special additives for cars with automatic double clutch transmission (DCT). This oil with high oxidation and thermal stability properties, good anti-friction and anti-wear properties and excellent shear stability can be used in any operating conditions. Use of this oil will lead to proper acceleration and easy driving.

Application:

It can be used in 6-speed double-clutch automatic gearboxes (DCT) and all cases where this quality level is recommended.





HYDRO HL

HYDRAULIC OIL STEERING WHEEL FLUID

Hydro is formulated by using high quality paraffinic base oil with suitable additives for all types of hydraulic systems and is fully compatible with the material of the hydraulic system. This product is able to protect surfaces against rust and corrosion and prevent formation of stable foam. This oil also has high thermal stability, good anti-oxidation properties, ability to easy separation from water and rapid air release. This oil is produced and supplied in ISO 46 and ISO 68 grades and in different volumes.

Application:

Suitable for use in industrial machinery with circulating and hydraulic systems and devices with closed gearboxes and simple bearings and in all cases where this quality level is recommended.

Parameters	Unit	ISO VG 46	ISO VG 68	Test Method
Viscosity@40°C	cSt	46	68	ASTM D445
Viscosity Index	-	95	95	ASTM D2270
Flash Point	°C	210	225	ASTM D92
Pour Point	°C	-24	-21	ASTM D97



HYDRO TECH HLP

Hydrotech is formulated and made by using high quality paraffinic base oil with anti-corrosion, anti-oxidation, anti-wear and anti-foam additives. This product is fully compatible with the material of the hydraulic system.

Application:

Suitable for use in general hydraulic systems that include high load components and light and heavy presses and hydraulic jacks for industrial and automotive machinery





Barabas[®]



MOTORCYCLE ENGINE OIL

4T MOTORCYCLE ENGINE OIL
4 STROKE ENGINE OIL
2 STROKE ENGINE OIL



4T

SN

**EXTREME
CLICK**



This product is prepared using quality synthetic base oil and the best additives for use in click motorcycles. The use of anti-wear, anti-corrosion and anti-rust additives protects the engine against acidic compounds and water. Among other properties that can be mentioned is its excellent cleaning and suspending which reduces the amount of deposits and keeps the engine clean.

Application:

Suitable for use in click motorcycles and all engines that this quality level is recommended in their instruction.

Parameters	Unit	10W-30	10W-50	Test Method
Viscosity@100 °C	cSt	11.5	19	ASTMD445
Viscosity Index	-	145	160	ASTMD2270
Flash Point	°C	220	225	ASTMD92
Pour Point	°C	-36	-30	ASTMD97



HIGH PERFORMANCE
SYNTHETIC ENGINE OIL

**EXTREME
ENERGY**



This product is prepared using quality synthetic base oil and the best additives for use in click motorcycles. The use of anti-wear, anti-corrosion and anti-rust additives protects the engine against acidic compounds and water. Among other properties that can be mentioned is its excellent cleaning and suspending which reduces the amount of deposits and keeps the engine clean.

Application:

Suitable for use in motorcycles with an engine more than 150 cc and all engines that this quality level is recommended in their instruction.

MotorCycle Oil

SL/CF

4X STROKE

This product is made of mineral and synthetic base oil and suitable additives for a wide range of air-cooled and water-cooled motorcycles. With its special formulation, this oil is able to maintain its viscosity in a wide temperature range, protect against damage caused by corrosion, rust and wear, and has optimal performance in all seasons and weather conditions.

Application:

Can be used in air-cooled and water-cooled motorcycles and all engines which this quality level is recommended.

Parameters	Unit	10W-40	20W-50	Test Method
Viscosity@100°C	cSt	15	19	ASTMD445
Viscosity Index	-	150	120	ASTMD2270
Flash Point	°C	210	220	ASTMD92
Pour Point	°C	-30	-24	ASTMD97





4-STROKE

SC/CC

MINERAL MOTOR OIL

This product is recommended with a completely mineral base and suitable additives for gasoline and light diesel cars. The formulation of this oil is such that it protects the engine against wear and corrosion and prevents the formation of soot and deposits on the engine parts. resistance against Oxidation and thermal stability are other prominent characteristics of this oil.

Parameters	Unit	50	Test Method
Viscosity@100°C	cSt	20	ASTMD445
Viscosity Index	-	90	ASTMD2270
Flash Point	°C	240	ASTMD92
Pour Point	°C	-9	ASTMD97

Application:

Can be used in non-supercharged gasoline and diesel engines that this quality level is recommended.



Barabas

2-STROKE TC

MONO GRADE MOTOR OIL

This product is formulated and manufactured using high-quality mineral base oil and suitable additives for a wide range of air-cooled two-stroke gasoline engines with ability to form a stable mixture with fuel. This product has properties such as low sulfate ash and preventing of the formation of deposits and thus keeping the pistons clean.



Application:

Suitable for use in all types of two-stroke motorcycles, all types of motor boats, chainsaws and lawn mowers and other types of engines.

Parameters	Unit	20	Test Method
Viscosity@100°C	cSt	9	ASTMD445
Viscosity Index	-	100	ASTMD2270
Flash Point	°C	220	ASTMD92
Pour Point	°C	-21	ASTMD97





ICE

ANTI FREEZE

ANTI BOIL

ANTI CORROSION

Barabas anrifreeze is made of ethylene glycol and suitable additives based on the latest world standards and for use in all types of gasoline and diesel vehicles . This product has anti-corrosion inhibitors to prevent erosion of the cooling system and is compatible with rubber parts and gaskets in the cooling system. This product also has good heat transfer capability

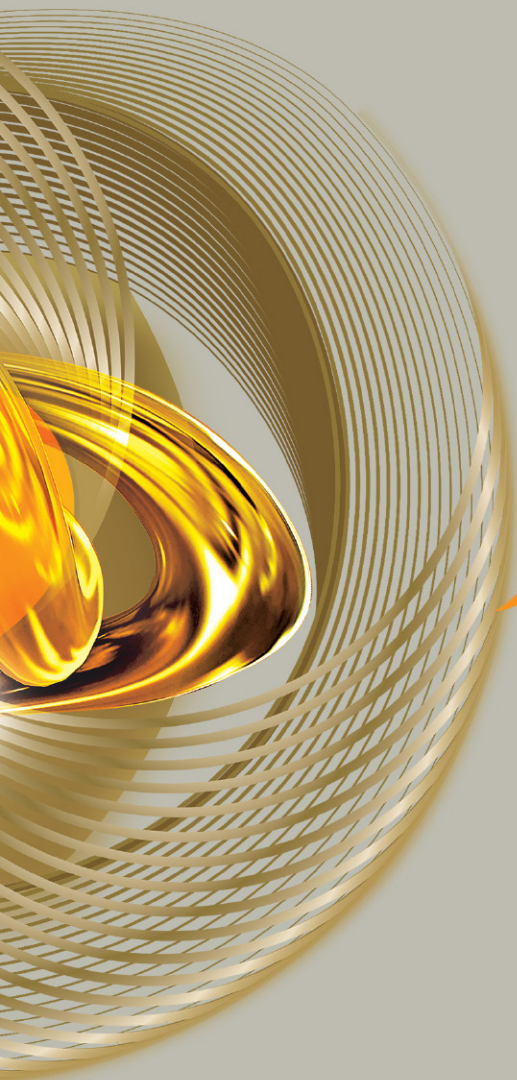
Parameters	Unit	Results	Test Method
Density	Kg/m ³	1135	ASTMD1122
Freezing Point , 50%	°C	-37	ASTMD1177
Boiling Point	°C	163	ASTMD1120
pH	-	7.5	ASTMD1287
Reserved Alkalinity	ml	16	ASTMD1121



Application:

- Cooling systems for all types of passenger cars
- Cooling systems for all types of light vehicles
- Industrial cooling systems
- Cooling systems for power plants and refineries





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