

BROOX[®]

Lubricants



RELEASE THE FULL

POTENTIAL



HOW TO READ OUR LABELS

THE LOGO

PRODUCT FEATURE

QUALITY LOGO

PRODUCT NAME

PACKAGING CONTENT

ENGINE OIL PERFORMANCE STANDARD



PRODUCT NAME & QUALITY

THE LOGO

FEATURES AND ADVANTAGES

PRODUCT NAME

USAGE, HEALTH AND ENVIRONMENTAL INFORMATION

INDUSTRY STANDARDS

WARNING & PACKAGING CONTENT

BARCODE



CHOOSE THE BEST

UNLOCK YOUR ENGINE'S TRUE POTENTIAL



USING THE RIGHT ENGINE OIL IS CRUCIAL FOR THE PERFORMANCE

- **Lubrication:** Engine oil lubricates the moving parts of the engine, reducing friction and minimizing wear and tear. This helps extend the life of your engine components, such as the pistons, crankshaft, and camshaft.
- **Heat Dissipation:** The best engine oils are designed to handle high temperatures and can effectively dissipate heat generated by the engine. This prevents overheating and potential engine damage.
- **Corrosion And Rust Protection:** Engine oils contain additives that help protect engine components from corrosion and rust, especially during periods of inactivity.
- **Seal Conditioning:** Engine oil helps keep seals and gaskets supple, preventing leaks and maintaining the integrity of the engine's internal seals. **Cleaning Action:**
- **High-quality engine oils** include detergents and dispersants that clean the engine by removing sludge, carbon deposits, and other contaminants. This helps maintain optimal engine performance and fuel efficiency.
- **Fuel Efficiency:** The right engine oil can contribute to improved fuel efficiency by reducing internal friction and enhancing engine performance.
- **Emission Control:** Some modern engine oils are formulated to work with emission control systems, such as catalytic converters, to help reduce harmful emissions from the vehicle.



PETROL ENGINE OIL



SAE 0W-20

SIZE: 5L 4L 1L

TYPICAL CHARACTERISTIC

SAE	0W-20
Density @ 15°C, kg/m ³	850
Viscosity @ 100°C, cSt	7.5
Viscosity @ 40°C, cSt	40
Viscosity Index	158
Pour Point, °C	-45
Flash Point, °C	>230
Total Base Number (TBN), mg KOH/g	9
CCS Viscosity (mPa·s) @ 35°C	<6200

Description

BROOX 0W-20 is an advanced full synthetic motor oil designed to deliver outstanding engine protection to keep your engine running like new and protect critical engine parts for up to 10,000 miles between oil changes. BROOX 0W-20 meets or exceeds the industry's toughest standards and outperforms our conventional and synthetic blend oils.

Meets The Requirements Of

API SP, ACEA A5/B5, MB-APPROVAL 229.51, PORSCHE A40, RN710/0700, VW 50700/50400, OPEL GM-LL-B-025, BMW LL-01/LL-04



SAE 5W-20

SIZE: 5L 4L 1L

TYPICAL CHARACTERISTIC

SAE	5W-20
Density @ 15°C, kg/m ³	840
Viscosity @ 40°C, cSt	44.68
Viscosity @ 100°C, cSt	8.1
Viscosity Index	158
TBN, mg KOH/g	7.6
Flash Point, °C	230
Pour Point, °C	-42
CCS Viscosity (mPa·s) @ 30°C	5611

Description

BROOX SAE 5W-20 fully synthetic motor oils are designed for engines with recommended for all types of modern gasoline-powered vehicles, including high-performance turbocharged, supercharged, multi-valve fuel injected engines found in passenger cars, SUVs, light vans and light trucks.

Meets The Requirements Of

API SP, ACEA A5/B5, MB-APPROVAL 229.51, PORSCHE A40, RN710/0700, VW 50700/50400, OPEL GM-LL-B-025, BMW LL-01/LL-04



SAE 5W-30

SIZE: 5L 4L 1L

TYPICAL CHARACTERISTIC

SAE	5W-30
Density @ 15°C, kg/m ³	854
Viscosity @ 100°C	10.5
Viscosity @ 40°C, cSt	60
Viscosity Index	≥150
Pour Point, °C	-36
Flash Point, °C	>230
Total Base Number (TBN), mg KOH/g	9
CCS Viscosity (mPa·s) @ 30°C	<6600

Description

BROOX SAE 5W-30 Fully Synthetic Motor Oil extends engine life, significantly reduces engine wear, and resists thermal breakdown. BROOX Fully Synthetic Motor Oil outperforms conventional engine oils in engine cleanliness, fuel economy, and protection between moving parts.

Meets The Requirements Of

API SP, ACEA A5/B5, MB-APPROVAL 229.51, PORSCHE A40, RN710/0700, VW 50700/50400, OPEL, GM-LL-B-025, BMW LL-01/LL-04



SAE 10W-30

SIZE : 5L 4L 1L

TYPICAL CHARACTERISTIC

SAE	10W-30
Density @ 15°C, kg/m ³	840
Flash Point, °C	239
Pour Point, °C	-36
Viscosity @ 40°C, cSt	62.16
Viscosity @ 100°C, cSt	10.15
Viscosity Index	150
CCS, mPa·sec @ 25°C max @ -25°C	7000
Total Base No. TBN	6.8

Description

BROOX 10W-30 is a full synthetic engine oil that delivers ultimate protection and performance during everyday and high stress driving conditions. It has been developed for high tech engines that experience everyday and severe driving conditions like stop-start driving in high traffic situations and highway driving.

Meets The Requirements Of

API SP, ACEA A5/B5, MB-APPROVAL 229.51, PORSCHE A40, RN710/0700, VW 50700/50400, OPEL GM-LL-B-025, BMW LL-01/LL-04



SAE 10W-40

SIZE : 5L 4L 1L

TYPICAL CHARACTERISTIC

SAE	10W-40
Density @ 15.6°C, kg/m ³	867
Flash Point, °C	240
Kinematic Viscosity @ 100°C, mm ² /s	15.6
Kinematic Viscosity @ 40°C, mm ² /s	113
Viscosity Index	146
TBN, mg KOH/gm	7.5
Pour Point, °C	-36
CCS Viscosity (mPa·s) @ 25°C	<7000

Description

BROOX Full Synthetic SAE 10W-40 Motor Oil is a superior quality motor oil designed with a state-of-the-art low friction additive system for maximum engine protection even under the toughest driving conditions.

Meets The Requirements Of

API SP, ACEA A5/B5, MB-APPROVAL 229.51, PORSCHE A40, RN710/0700, VW 50700/50400, OPEL GM-LL-B-025, BMW LL-01/LL-04



SAE 20W-50

SIZE : 5L 4L 1L

TYPICAL CHARACTERISTIC

SAE	20W-50
Pour Point, °C	-27
Flash Point, °C	239
Ash, Sulfated, mass%	0.8
Viscosity Index	128
Total Base Number, mgKOH/g	7.5
Density @ 15°C, kg/m	882
Kinematic Viscosity @ 100°C, mm ² /s	17.25
Kinematic Viscosity @ 40°C, mm ² /s	147
CCS Viscosity (mPa·s) @ 15°C	<9500

Description

BROOX 20W-50 is proven during API SP engines test in reduces damaging Low Speed Pre-Ignition (LSPI) problem common in modern engines. This helps to improve engine efficiencies and prolong engine life.

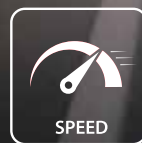
Meets The Requirements Of

API SP, ACEA A5/B5, MB-APPROVAL 229.51, PORSCHE A40, RN710/0700, VW 50700/50400, OPEL GM-LL-B-025, BMW LL-01/LL-04





**HEAVY-DUTY
ENGINE OILS**



HEAVY-DUTY ENGINE OILS ARE FORMULATED TO PROVIDE:

Viscosity Stability: They maintain their viscosity (thickness) over a wide range of operating temperatures. This stability is crucial because heavy-duty engines often experience extreme temperature fluctuations.

Wear Protection: HDEOs contain additives that form a protective layer between moving engine parts, reducing friction and minimizing wear and tear.

Temperature Resistance: Heavy-duty engines can generate higher temperatures due to their larger size and power output. HDEOs are formulated to withstand these elevated temperatures without breaking down.

Detergent and Dispersant Properties: These oils contain additives that help keep the engine clean by preventing the buildup of sludge, carbon deposits, and other contaminants.

Corrosion and Rust Protection: HDEOs include additives that protect engine components from corrosion and rust caused by exposure to various environmental conditions.

Emissions Control: Some HDEOs are formulated to work in conjunction with exhaust after-treatment systems in modern diesel engines, helping to reduce harmful emissions.



STRONGER POWER & SMOOTH FEELING



DIESEL ENGINE OIL



SAE-50

SIZE : 208L 25L 5L 4L 1L

TYPICAL CHARACTERISTIC

SAE	50
Density @ 15°C, kg/m ³	904
Kinematic Viscosity @ 40°C, cSt	212
Kinematic Viscosity @ 100°C, cSt	18.5
Viscosity Index	97
Pour Point, °C	-15
Flash Point C.O.C, °C	250
TBN, mg (KOH/g)	10.5

Description

BROOX HD-50 CK-4 s unique system technology adapts to changing engine conditions to help maximise performance in 5 key areas: fuel consumption, oil consumption, oil drain interval, component life and power.

Meets The Requirements Of

API CK-4, ACEA C3, MB-228.3 , DEUTZ -DQC-III-10, CAT ECF-2, Renault VI RLD-2, Volvo VDS-3, Mack EO-N, MAN-M-1-3275



SAE 15W-40

SIZE : 208L 25L 5L 4L 1L

TYPICAL CHARACTERISTIC

SAE	15W-40
Density @ 15°C, kg/m ³	881
Kinematic Viscosity @ 40°C, cSt	106
Kinematic Viscosity @ 100°C, cSt	14.5
Viscosity CCS @ +20°C, cP	< 7000
Viscosity Index	140
Pour Point, °C	-30
Flash Point C.O.C, °C	240
TBN, mg (KOH/g)	10.5

Description

BROOX SAE 15W-40 is an advanced low SAPS engine oil specifically engineered for the latest US and European diesel engines with low emission systems, including DPFs. It is suitable for on- and off-highway applications.

Meets The Requirements Of

API CK-4, ACEA C3, MB-228.3 , DEUTZ -DQC-III-10, CAT ECF-2, Renault VI RLD-2, Volvo VDS-3, Mack EO-NMAN-M-1-3275,



SAE 20W-50

SIZE : 208L 25L 5L 4L 1L

TYPICAL CHARACTERISTIC

SAE	20W-50
Density @ 15°C, kg/m ³	888
Kinematic Viscosity @ 40°C, cSt	155
Kinematic Viscosity @ 100°C, cSt	17.5
Viscosity CCS @ +15°C, cP	< 9500
Viscosity Index	124
Pour Point, °C	-24
Flash Point C.O.C, °C	245
TBN, mg (KOH/g)	10.5

Description

BROOX SAE 20W-50 is an advanced low SAPS engine oil specifically engineered for the latest US and European diesel engines with low emission systems, including DPFs. It is suitable for on- and off-highway applications.

Meets The Requirements Of

API CK-4, ACEA C3, MB-228.3 , DEUTZ -DQC-III-10, CAT ECF-2, Renault VI RLD-2, Volvo VDS-3, Mack EO-N, MAN-M-1-3275

FOR AN EXTRA PICKUP



AN ENGINE OIL FOR EVERY ROAD!

When it comes to diesel engines, power, reliability, and longevity are essential. That's where our premium diesel engine oil steps in to make a difference. We understand the heart of your machine, and we've crafted the perfect formula to keep it running smoothly, mile after mile, and year after year.



ANTIFREEZE COOLANT

ANTIFREEZE - 50/50

SIZE : 200L 25L 5L 4L 1L

TYPICAL CHARACTERISTIC

MEG Concentration level, %wt	50
Color	-
Density @ 15°C, kg/cu.m	1.042
Boiling Point, °C	124
PH value	8.5
Reserve Alkalinity	12.0

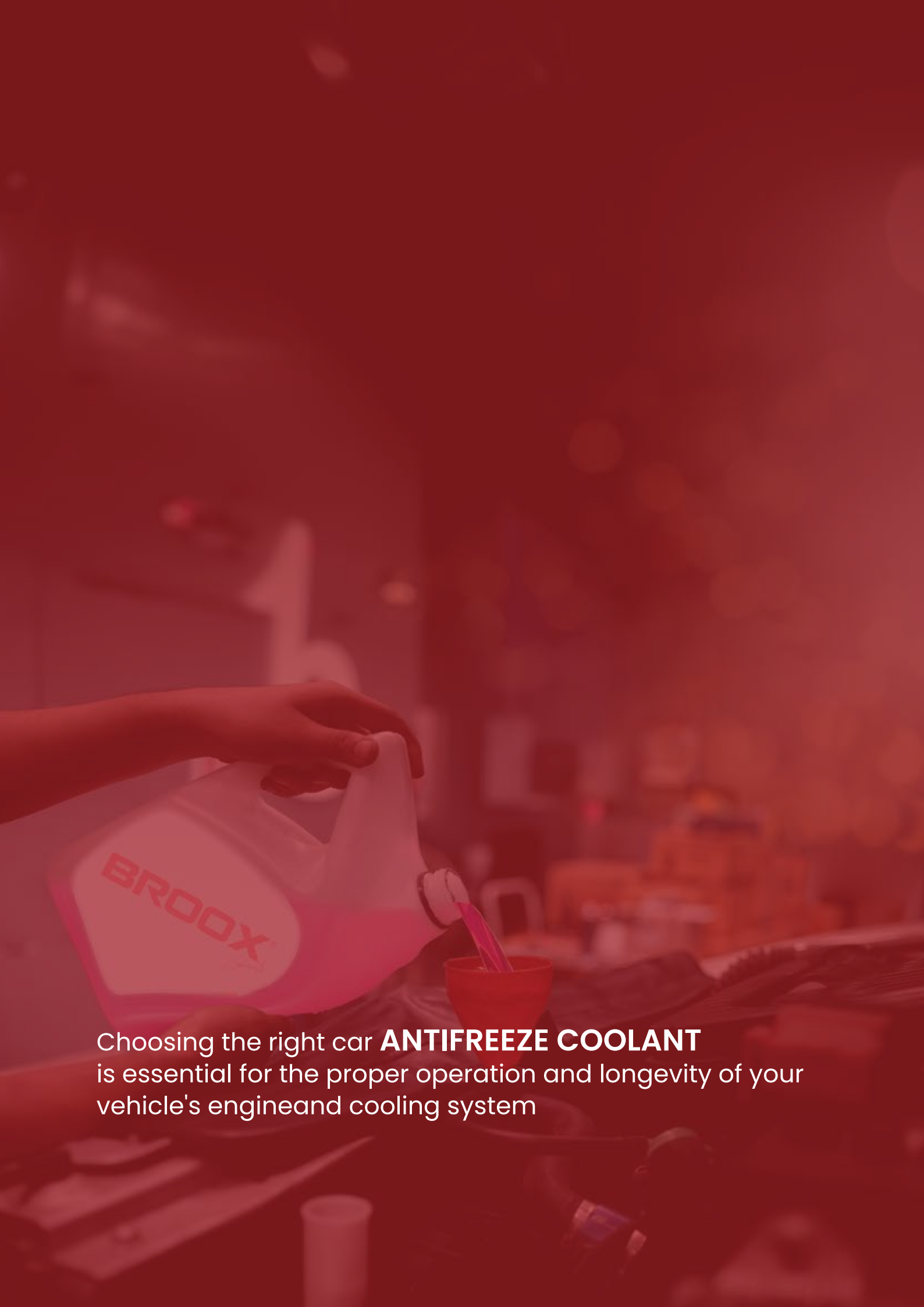
Description

BROOX Anti Freeze/Coolant is a high quality mono ethylene glycol anti freeze radiator coolant that insures efficient operation of water cool internal combustion engines. It serves a protector against rust and corrosion of cooling systems as well as protects the engine from overheating and frost damage. The fluid will lower the freezing point of cooling water and will prevent water from boiling in hot weather. vzzzv

Applications:

BROOX Anti Freeze/Coolant is recommended for passenger cars and light duty commercial vehicle cooling system. Mixing with other different brands can lead loss of protection





Choosing the right car **ANTIFREEZE COOLANT** is essential for the proper operation and longevity of your vehicle's engine and cooling system

BROOX[®]
Lubricants

Address: Encompass General Trading FC,
Q4-49, P.O. Box 120823, Saif Zone, Sharjah, U.A.E., Email: info@encompass-trade.com
Email: info@encompass.ae, sales@encompass.ae
www.brooxlubricants.com