

TECHNICAL DATA SHEET | AUTOMOTIVE

Engen Xtreme 20W-50

***Robust Crankcase Engine Oil Designed For Use In Older
High Performance Motors***



Description

Engen Xtreme 20W-50 is a high performance, mineral based, engine crankcase oil designed for use in "high mileage" petrol and diesel engines of cars, mini-buses and bakkies, both naturally aspirated and turbocharged. It is formally approved against API Service Classifications SL/CF-4. The product is also suitable for high performance 4-stroke motorcycles fitted with wet clutches and meets performance levels JASO MA and JASO MB specifications.

Engen Xtreme 20W-50 is uniquely formulated to protect against sludge and oxidation, reduce engine wear and keep pistons clean. It is formulated using low volatility base oils and blended to a SAE 20W-50 viscosity grade to reduce oil consumption in higher mileage engines. Its highly shear stable viscosity index improver ensures "stay-in-grade" performance between oil changes.

Benefits & Features

- High performance with increased viscosity
- Improved oil consumption
- Excellent protection against wear and corrosion
- Extended engine life
- Resists the build-up of sludge
- Maintain piston cleanliness
- Resist oil oxidation
- Low temperature pumpability

Application

Engen Xtreme 20W-50 is recommended for use in most naturally aspirated and turbocharged petrol and diesel engines in cars, mini-buses and light commercial vehicles, as well as for four stroke motorcycle and scooter engines.

Being an SAE 20W-50 multigrade oil, it provides a thicker oil film, making it suitable for use at high operating temperatures as well as in higher mileage engines that have larger running clearances. Its high temperature stability, detergency and protection reserve keeps engine components clean and protected, thus reducing wear, prolonging engine life.

Performance Level

Meets or exceeds the following Industry Standards:

- API SL/CF-4
- JASO MA and JASO MB

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Typical Physical Characteristics

ENGEN XTREME 20W-50			
PARAMETERS	METHODS	UNITS	TYPICAL VALUES
SAE No.	-	-	20W-50
Viscosity @ 40°C	ASTM D445	cSt	161.4
Viscosity @ 100°C	ASTM D445	cSt	17.9
Viscosity Index	ASTM D2270	-	120
Pour Point	ASTM D5950	°C	-30
Total Base No.	ASTM D2896	mgKOH/g	9.0
Sulphated Ash	ASTM D874	% m/m	1.0

All technical data is provided for reference only. These characteristics are typical of current production. Whilst future production will conform to Engen's specification, variations in these characteristics may occur.

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Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil, or water. For further detail regarding storage, safe handling, and disposal of product, please refer to Product SDS. Safety Data Sheets are available for all our products and should be only be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility shall be taken by either Engen or its subsidiaries and related holding corporation for any loss or injury or any direct, indirect, special, exemplary, consequential damages or any damages whatsoever, whether in action of contract, negligence or other tortious action, in connection or resulting from abnormal use of the materials and/or information, from any failure to adhere to recommendations, or from hazards inherent in the nature of the materials and/or information. All products, services and information supplied are under our standard conditions of sale. Please consult with any of our local representatives in the event you require any further information.

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