TECHNICAL DATA SHEET | AUTOMOTIVE

Engen Xtreme 5W-40

Synthesized "Long Life" Engine Lubricant





Engen Xtreme 5W-40 is a unique, synthesized "long life" engine lubricant which exceeds most existing passenger car engine oil requirements, including the demands of highly stressed turbocharged and all multi-valve units. It is fully approved by the internationally recognized American Petroleum Institute's Engine Oil Licensing and Certification System, carrying the full "DONUT" approval for API SN/CF performance level.

Its excellent high and low temperature characteristics provide excellent wear protection under all operating conditions especially at start up when the most wear occurs in an engine.

Benefits & Features

- Meets key OEM performance requirements
- Excellent low temperature properties
 - immediate protection on start-up
- Superior lubrication reduced wear and increased engine life
- Optimal oil consumption due to low volatility

 reduced top-up
- Improved fuel economy and power output
- Exceptional engine cleanliness



Engen Xtreme 5W-40 is a prerequisite for all hi-tech cars with extended service intervals and high-performance turbo charged petrol and diesel engines not fitted with exhaust after treatment devices such as catalytic converters and Diesel Particulate Filters (DPF).

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It is the ultimate engine lubricant for use in the latest highperformance vehicles operating at their extreme limits. Its unique base not only provides exceptional oxidation stability and outstanding engine cleanliness, but also low wear rates and excellent protection of engine components over extended periods. These features are critical for the optimum performance and durability of the lubricant over its whole service life.

Performance Level

Meets or exceeds the following Industry Standards:

- API SN/CF (License no. 3351)
- ACEA A3/B4

Builder Approvals & Specifications:

• VW 502.00/505.00

Meets or Exceeds Approvals & Specifications:

- BMW LL-01
- Porsche Standards
- MB 229.5



Typical Physical Characteristics

ENGEN XTREME 5W-40			
PARAMETERS	METHODS	UNITS	TYPICAL VALUES
SAE No.	-	-	5W-40
Viscosity @ 40°C	ASTM D445	cSt	85
Viscosity @ 100°C	ASTM D445	cSt	14.0
Viscosity Index	ASTM D2270	-	170
Flash Point	ASTM D92	°C	240
Pour Point	ASTM D5950	°C	-39
Total Base No.	ASTM D2896	mgKOH/g	9
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.

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 refers 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 tortuous 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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