

TECHNICAL DATA SHEET | AUTOMOTIVE

Engen Xtreme 4T MCO 20W-50

High-Performance Mineral 4T Motorcycle Oil

Description

This premium motorcycle lubricant is formulated with high-viscosity-index mineral oils and advanced additives for reliable protection of engines, gearboxes, and clutches. Helps prevent dirt and sludge build-up while maintaining performance between oil changes. Suitable for motorcycles and scooters, including large-capacity models and severe operating conditions where higher-viscosity oil is required.

Performance Level

Meets or exceeds the following performance levels:

- API SL
- JASO MA, MA2

Benefits & Features

- Excellent high-temperature and thermal breakdown resistance.
- Optimized friction for smooth, reliable wet-clutch operation.
- Excellent anti-sludge, antiwear, and anticorrosion protection.
- Strong antioxidants, antirust, and antifoam performance.
- Rapid oil flow and reduced friction for efficient operation.
- Supports responsive power delivery and acceleration.
- Highly shear-stable formulation for consistent protection throughout the oil-drain interval.

Typical Physical Characteristics

ENGEN XTREME 4T MCO 20W-50			
PARAMETERS	METHODS	UNITS	TYPICAL RESULTS
SAE No.		-	20W-50
Density at 15°C	ASTM D1298	Kg/l	0.885
Viscosity @ 40°C	ASTM D445	cSt	151
Viscosity @ 100°C	ASTM D445	cSt	17.5
Viscosity Index	ASTM D2270	-	125
Flash Point	ASTM D92	°C	220
Pour Point	ASTM D5950	°C	-24
Total Base No.	ASTM D2896	mgKOH/g	7.4

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.

Application

This oil is suitable for all types of 4-Stroke motorcycle engines, clutches and gear boxes manufactured by leading Japanese, European and American manufacturers operating under normal to severe riding conditions.

Handling and Precautions

When handling this product, maximum temperature of 60°C should be observed for storage, unloading and blending. However, it is strongly recommended that for long-term storage, temperature should not exceed 50°C.

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 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 representative in the event you require any further information.

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