

4-STROKE ENGINE OIL SAE 20W50 *(4-T Motor Oils)*



DESCRIPTION

Patrol Oil 4T 20W-50 is a high-performance 4-stroke motorcycle engine oil formulated with premium base oils and advanced additives. It is designed to deliver excellent wear protection, oxidation stability, and cleanliness for air-cooled and water-cooled motorcycles. The formulation meets the friction performance requirements of JASO MA, ensuring optimal clutch performance without slippage.

APPLICATIONS

Suitable for 4-stroke motorcycle engines requiring SAE 20W-50, API SL, JASO MA performance levels. Recommended for both air-cooled and liquid-cooled motorcycles. Provides protection under high temperature and severe riding conditions. Optimized for smooth clutch engagement and transmission performance

PRODUCT BENEFITS

- Excellent engine protection against wear and deposits
- Superior thermal and oxidation stability
- Enhanced clutch performance (JASO MA certified friction profile)
- Smooth gear shifting and reduced clutch slippage
- Strong protection under high temperature and heavy load

RECOMMENDATIONS / SPECIFICATIONS

MEETS OR EXCEEDS

API SL
JASO MA
ACEA A3/B3
MB 229.1
VW 505.05/505.00

STORAGE & HANDLING

Store in a cool, dry place away from direct sunlight
 Keep containers tightly closed when not in use
 Shelf life: 5 years (unopened original packaging)

TYPICAL TECHNICAL PROPERTIES

SAE Grade	20W-50
Density at 15°C, g/ml, ASTM D4052	0.880
Cold Cranking Viscosity (CCS), mPas, ASTM D5293	9000 cP (max) @-15°C
Kinematic Viscosity at 40°C, mm²/s, ASTM D445	160
Kinematic Viscosity at 100°C, mm²/s, ASTM D445	18
Viscosity Index, ASTM D2270	125
Flash Point (COC), °C, ASTM D92	230
Pour Point, °C, ASTM D97	-21
Total Base Number, mg KOH/g, ASTM D2896	8
NOACK Volatility (wt.%), ASTM D5800	8.5
Foam Test (Seq I/II/III), ASTM D892	Pass
Sulphated Ash, %wt., ASTM D874, max	0.9

Note: These characteristics are typical of current production. While future production will conform to PATROL's specification, variations in these characteristics may occur.

Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request. This product should not be used for purposes other than its intended use. If disposing off used product, take care to protect the environment

