

PATROL OIL SAE 15W-40 API CI-4/SL



PRODUCT DESCRIPTION

Patrol Oil SAE 15W-40 API CI-4/SL is a premium heavy-duty multigrade engine oil formulated with high-quality base oils and an advanced additive system. It is designed for both diesel and gasoline engines, offering excellent wear protection, oxidation stability, soot handling, and engine cleanliness under severe operating conditions.

APPLICATIONS

- Heavy-duty diesel engines including turbocharged and EGR-equipped engines.
- Mixed fleets requiring a single lubricant suitable for both diesel (CI-4) and gasoline (SL) engines.
- Commercial trucks, buses, construction machinery, agricultural equipment, and mining engines.
- Engines requiring performance levels equivalent to API CI-4, CH-4, CG-4, and API SL.

KEY BENEFITS

- Outstanding soot control and deposit cleanliness.
- Enhanced wear and corrosion protection.
- High oxidation stability supporting extended drain intervals (subject to OEM recommendation).
- Excellent piston cleanliness, sludge control, and ring belt deposit protection.
- Maintains viscosity stability under severe conditions.
- Ensures reliable lubrication across a wide temperature range.

PERFORMANCE STANDARDS / APPROVALS

- API CI-4/SL
- ACEA E7 (performance level)
- Volvo VDS-3
- Cummins CES 20078/20077/20076
- Mack EO-N
- MB 228.3
- MAN M3275

TYPICAL PROPERTIES

PROPERTY	METHOD	UNIT	TYPICAL VALUE
SAE Viscosity Grade	-	-	15W-40
Kinematic Viscosity @ 40°C	ASTM D445	cSt	110
Kinematic Viscosity @ 100°C	ASTM D445	cSt	14.6
Viscosity Index	ASTM D2270	-	145
CCS @ -20°C	ASTM D5293	cP	6500
TBN	ASTM D2896	mg KOH/g	12.8
Sulfated Ash	ASTM D874	% wt	1.3
Pour Point	ASTM D97	°C	-33
Flash Point (COC)	ASTM D92	°C	228
Density @ 15°C	ASTM D4052	kg/m ³	870

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

