



PRODUCT INFORMATION

SUPER 1 HIGH PERFORMANCE MOTOR OIL SAE 15W40

CHARACTERISTICS

High Performance Motor Oil belongs to the new generation of sophisticated high performance oils featuring outstanding properties, a superior product compared to the best conventional oils on the market.

High Performance Motor Oil is a semi synthetic version, developed from top quality base oils, selected additives as FMA (Friction Modifier Additive), which ensures minimal friction, wear and tear and prolonged engine life.

High Performance Motor Oil is formulated and developed to exceed the most stringent quality requirements on the world market.

High Performance Motor Oil has been developed as multi-grade oil suitable for all vehicles with catalytic converters using unleaded Petrol/gasoline or Diesel Fuel.

High Performance Motor Oil exceeds as such the quality requirements for turbo-powered engines, SHPD type oil.

QUALITIES & ADVANTAGES

- Reduces problems with seized piston rings and sticking valves, reduces deposits in the combustion chambers and on valve heads to a minimum.
- The reduced friction contributes to the fuel economy.
- Dispersant and detergent additives hold the automatic cleaning process continued, properties removes ash deposits and carbon

particles and keep the subsequent build-up to a minimum.

ANTI-WEAR AND TEAR QUALITIES

- With the High Performance properties, a substantial reduction shows in wear and tear of the engine, guaranteed even under the heaviest loads and working conditions.

CORROSION INHIBITOR

- Anti corrosion Inhibitor stabilizes oxidation.

APPLICATION

- The multi grade range can be used all year secured engine start at very low temperatures.
- Shows its high performance properties in both petrol/gasoline and diesel engines, exceeds the quality requirements for turbo powered engines.
- Recommended as long-drain oil after two changes. The usual oil change interval for diesel engines can therefore be substantially increased. However long drain intervals should not be adopted when driving under dusty conditions or in new vehicles under manufacture warranty.

HIGH PERFORMANCE MOTOR OIL SAE 15W40 - continued

SPECIFICATION:

High Performance Motor Oil meets, is approved or exceeds the following:

- API CF-4/SJ, SF/CE, SL/CF
- ACEA E2 level
- ACEA A3-B4/98, A3/B3-10, A3/B4-08
- VOLKSWAGEN VW 501.00, 501.01
- MERCEDES-BENZ 227.1 228.1 229.1
- MAN 271
- MTU Type 1
- CATERPILLAR TO-2
- KOMATSU KES
- MACK EO-K, EO-K2
- BRITISH LEYLAND BLS 22.04.07
- LONG DRAIN (VDS)*
- SCANIA LONG DRAIN LDF
- VOLVO VDS level
- ALLISON C4-level

- DETROIT DIESEL
- MACK EO – PP
- RENAULT RLD 3
- FORD WSS-M2C121-C
- CUMMINGS CES 20081
- JASO DH-1 DH-2
- GLOBAL DHD-1
- MIL-L 46152B, MIL-L 2104C, MIL-L 2104D

SAFETY/ENVIRONMENTAL

- Avoid prolonged skin contact.
- Keep petrochemicals away from children.
- Do not inhale fumes.
- Do not dispose empty oil cans or oil waste in nature.
- If swallowed, do not induce vomiting - call a doctor.

PHYSICAL DATA

SAE-grade	15W40
VISCOSITY (cSt) mm ² /s at 40°C	104
VISCOSITY (cSt) mm ² /s at 100°C	14.2
VISCOSITY INDEX	141
POUR POINT, °C	÷30
FLASH POINT COC, °C	214
SPEC. GRAVITY at 20°C	0.885
TBN mg KOH/g	11.0
SULPHATE ASH	1.4
LONG DRAIN VDS*	

