



TECHNICAL DATA SHEET **MOTORS LIVE 10W40**

PRODUCT DESCRIPTION AND USE

10W-40 is a heavy duty engine oil with synthetic technology that provides excellent lubrication to modern, high performance, low emissions engines used in severe applications. This engine oil is designed using high performance base oils which provide excellent low temperature fluidity, high temperature viscosity retention and volatility control. The proven advanced additive system has been expertly engineered to help towards long engine life and maintain the efficiency of emission reduction systems including the diesel particulate filter.

FEATURES AND BENEFITS

High output, low emission engines significantly increase demands on engine lubricants. Tighter engine design, use of inter-coolers, and turbochargers increase thermal stresses on the lubricant. Low emission engine technologies such as higher fuel injection pressure, retarded timing and aftertreatment devices all require improved oil performance in areas such as oxidation stability, soot dispersancy, volatility and compatibility with aftertreatment devices.

10W-40 delivers high performance, long drain interval capability and protection of exhaust systems including those fitted with Diesel Particulate Filters. The key benefits include:

- Protection against oil thickening, high temperature deposits, sludge build-up and, oil degradation
- Provides capability for long drain intervals.
- Helps to protect against ring sticking.
- Excellent anti-wear, anti-scuff properties and bore polishing and corrosion protection.
- Helps towards long engine life
- Stay-in-grade shear stability.
- Very low volatility
- Helps to reduce viscosity breakdown and oil consumption under heavy duty, high temperature operating conditions
- Low ash, sulfur and phosphorous levels
- Helps to protect exhaust systems devices like those fitted with DPF
- Good low temperature properties
- Helps to improve pumpability and oil circulation



APPLICATIONS

- Heavy Duty Diesel Engines using low sulfur diesel fuels and many biodiesel fuel formulations.
- Naturally Aspirated and Turbo-Charged Diesel Powered Equipment.
- On-Highway Short-Haul and Long-Haul Trucks and Buses

TYPICAL PROPERTIES

TEST	UNIT	METHOD	10W40
Colour	-	ASTM D 6045	Yellow
Density ,@ 15 °C	g/cm ³	ASTM 4052	0,87-0,90
K. Viscosity,@ 100 °C	Cst	ASTM D 445	12,5-16,3
Flash Point	°C	ASTM D 92	220
Pour Point	°C	ASTM D 97	-24

*Values may differ from production to production.