

MARATHON 10W-40

Long life synthetic lubricant for heavy vehicles diesel engines

SPECIFICATIONS

Specifications :	ACEA E7, E4 API CI-4 GLOBAL DHD-1 JASO DH-1
OEM Approvals :	DTRF 15B120 (MB 228.5) MAN M 3277 RENAULT RLD-2 VOLVO VDS-3 MACK EO-N
Recommandations :	CUMMINS CES 20077/8 DETROIT DIESEL 93K215 DEUTZ DQC III-18 MTU DDC TYPE 3 ALLISON C-4 FORD WSS-M2C944-A IVECO 18-1804 SDFG OM-1901A

APPLICATIONS & PROPERTIES

Oil change intervals can be extended up to :
* 60 000 kilometers in long haul services;
* 800 hours on heavy equipment or stationary engines.

- Long life synthetic lubricant specially formulated to maximize the diesel engine overhaul period.
- Excellent behaviour in turbocharged diesel engines due to its high stability at high temperature.
- Dependable cold starts & rapid oil circulation ensuring operational reliability and reduction of start-up wear and fuel consumption.
- Synthetic bases provide an outstanding shear stability, avoiding viscosity loss under extreme duty.
- Selected dispersant additives maximize engine life preventing bore polishing & sludges development.

TECHNICAL CHARACTERISTICS

Average Characteristics	Unit	Average Value
SAE Grade		10W-40
Density at 15°C	kg/m ³	871
Viscosity at 100°C	mm ² /s	14.2
Viscosity at 40°C	mm ² /s	92.8
Viscosity Index		156
Pour Point	°C	- 42
Sulphated Ash	% m/m	< 2.0