

MARATHON PREMIUM 10W-40

Ultra high-performance lubricants for diesel heavy vehicles engines. Specially developed for extended service intervals for exhaust post-treatment systems and turbocharger.

MARATHON PREMIUM 10W-40 is new generation heavy vehicles diesel engine oil. The combination of state of the art additive technology with a new base oil matrix with very high oxidation stability provides the highest levels of performance regarding engine durability in highly stressed heavy vehicle engines.

SPECIFICATIONS

Specifications:

- ACEA E11 / E9 / E7
- API CK-4 / CJ-4 / SN
- JASO DH-2

Recommandations:

- CAT ECF-3
- CUMMINS CES 20086
- DETROIT DIESEL 93K222
- DEUTZ DQC III-18 LA
- FORD M2C171-F1
- MACK EO-S 4.5
- MAN M 3775 / 3575
- MB 228.31
- MTU DDC TYPE 2.1
- RENAULT RLD-4 / RLD-3
- VOLVO VDS 4.5

APPLICATIONS

MARATHON PREMIUM 10W-40 is suitable for vehicles equipped with exhaust gas treatment systems such as Diesel Particulate Filters (DPF), Diesel Oxidation Catalyst (DOC), Exhaust Gas Recirculation (EGR), two-stage turbo charging and SCR-Catalyst (Selective Catalytic Reduction).

MARATHON PREMIUM 10W-40 is compatible with older generations diesel engines, whatever their exhaust gas post-treatment systems.

MARATHON PREMIUM 10W-40 is miscible with classic engine oils but only achieves its full performance if unmixed with other qualities

MAIN PROPERTIES

- Protecting exhaust gas treatment systems with very low sulfated ash levels and low content levels of phosphorus and sulfur.
- Excellent wear protection, even under constant full load due to the new additive and base oil technology.
- Reduced content of heavy metals, minimizes contaminant emissions.
- Prevents from deposits in the engine and turbocharger due to excellent soot handling properties. This results in high levels of performance, reliability & low maintenance costs.

TECHNICAL CHARACTERISTICS

Characteristics	UNIT	Average values	METHOD
SAE Grade		10W-40	
Density at 15°C	kg/m ³	0,867	DIN 51757
Kinematic viscosity at 40°C	mm ² /s	103.4	DIN 51562-1
Kinematic viscosity at 100°C	mm ² /s	15.1	DIN 51562-1
Viscosity Index		153	DIN ISO 2909
Pour point	°C	-42	DIN ISO 3016
Sulfated ash	%	< 1	DIN 51575