

LUBRICANTS FOR AUTOMOTION. HEAVY DIESEL

TRACTION MAX 15W40



DESCRIPTION

Maximum performance engine lubricant with GLOBAL character. Specially recommended for European (ACEA E7), American (API CI-4) and Asian (JASO DH-1) heavy vehicles with the latest technology that comply with Euro V, Euro IV and earlier emissions standards that do not have a DPF particulate filter.

PRODUCT APPLICATIONS

- High-performance oil specially designed for supercharged diesel engines in heavy-duty vehicles intended for long-distance transport, urban transport and public works when a lubricant of low consumption and "superior" quality is required.
- It has been tested to guarantee its compatibility with fuels that have a high biodiesel content, avoiding the degradation suffered by previous technologies.
- Suitable for use with diesel fuels with up to 0.5% sulphur content, always respecting the change intervals set by the manufacturers.
- Suitable for use in EGR-equipped engines.
- Not compatible with Euro VI and/or older vehicles equipped with Diesel Particulate Filters (DPFs).

PRODUCT PERFORMANCE

- Thanks to its new additive technology, it provides a higher level of engine and turbocharger protection and cleanliness than other SHPD or THPD oils on the market.
- It uses high-quality and highly resistant detergents, which keeps the engine clean of soot deposits and helps to eliminate varnishes, guaranteeing maximum protection against the formation of acids from the combustion of the fuel until the last day of use, provided that the change intervals set by the manufacturer are respected.
- The exceptional balance of lubricant bases used in combination with latest-generation polymers, reduces the loss of viscosity of the oil by shearing, thus avoiding wear by breaking the protective film of the lubricant between the moving parts, ensuring perfect lubrication even in high-load and low-speed situations.

SPECIFICATIONS

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|---------------------|----------------|--------------------|----------------------------|
| • ACEA E7 | • API CI-4 | • MAN M 3275-1 | • MB-Approval 228.3 |
| • VOLVO VDS-3 | • MACK EO-N | • RENAULT VI RLD-2 | • Detroit Diesel DDC93K215 |
| • CUMMINS CES 20078 | • MTU Type 2 | • DEUTZ DQC III-18 | • CATERPILLAR ECF-2 |
| • JASO DH-1 | • GLOBAL DHD-1 | • SCANIA | • DAF / IVECO |



TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	TRACTION MAX 15W40
SAE Grade	-	-	15W40
Density at 15°C	g/ml	ASTM D 4052	0.8865
Viscosity at 100°C	cSt	ASTM D 445	14.00
Viscosity at 40° C	cSt	ASTM D 445	103.00
Viscosity index	-	ASTM D 2270	134
CCS Viscosity at -20°C	cP	ASTM D 5293	5218
Freezing point	°C	ASTM D 5950 / 97	-27
Flash point, V/A	°C	ASTM D 92	224
Base number, TBN	mg KOH/g	ASTM D 2896	11.5
Sulphated ash	% (m/m)	ASTM D 874	1.5

HEALTH & SAFETY AND ENVIRONMENT

A Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee. These values may be modified without any prior warning.