

TRACTION PRO LS 10W40

DESCRIPTION

100% synthetic latest-generation, very high-performance lubricant for heavy-duty diesel and commercial vehicles, specifically developed to meet Euro VI emission standards. Its additivation with the latest "Low SAPS" technologies makes it fully compatible with Euro VI and earlier exhaust after-treatment systems (including particulate filters), lengthening intervals between oil changes, even in severe operating conditions. The product is endorsed by the main specifications of the latest generation of European and American manufacturers, which classifies it as a Universal lubricant.

PRODUCT APPLICATIONS

- Ideal oil for use in mixed fleets of long-haul trucks and buses, with multi-brand Euro V and Euro VI engines, and also suitable for previous engines, as well as for gas engines running on CNG in city bus fleets.
- Especially designed for vehicles equipped with exhaust after-treatment systems, such as diesel particulate filters (DPF), continuous regeneration traps (CRT), and EcoBlue® selective catalytic reduction (SCR) systems that require low ash oils, optimizing their useful life and saving on maintenance.
- Because it meets ACEA E8, E11, E6, E9, E4, E7 y API CK-4 requirements, it is a GLOBAL lubricant, designed to be used in the most modern European and American engines, and meets the requirements of EURO VI emissions, as well as the specifications for "Full SAPS" and "Low SAPS" oils.

PRODUCT PERFORMANCE

- It provides outstanding results in the most stringent engine cleanliness tests (Daimler OM501LA), significantly reducing formation of deposits and sludge, providing long intervals between oil changes and ensuring longer engine life.
- Its high viscosity index allows easy starting at low temperatures and a sufficient oil film in hot climates, protecting the engine from excessive wear at most crucial times it is used.
- Its high oxidation/thermal degradation stability makes it suitable for high temperature protection of modern turbocharged engines.
- It can be used in biodiesel engines (always following the drain interval indicated in the vehicle manual).

SPECIFICATIONS

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|--------------------------------|-----------------|----------------------------|------------------------------------|
| • ACEA E8, E11, E6, E9, E4, E7 | • API CK-4 | • MAN M 3775/3477/3271-1 | • DTFR 15C120 (MB-Approval 228.52) |
| • Volvo VDS-4.5 | • Renault RLD-3 | • MACK EOS-4.5 | • DTFR 15C110 (MB-Approval 228.51) |
| • Deutz DQC IV-18 LA | • MTU Type 3.1 | • Detroit Diesel DDC93K222 | • Cummins CES20086 |
| • DAF Extended Drain | • IVECO | • CAT ECF-3 | • JASO DH-2 |
| • Voith Retarder Class B | • MB 235.28 | | |



TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	TRAC TION PRO LS 10W40
SAE Grade	-	-	10W-40
Density at 15°C	g/ml	ASTM D 4052	0.860
Viscosity at 100°C	cSt	ASTM D 445	13.6
Viscosity at 40°C	cSt	ASTM D 445	87.5
Viscosity Index	-	ASTM D 2270	158
CCS Viscosity at -25° C	cP	ASTM D 5293	6130
Pour Point	°C	ASTM D 5950	-36
Flash Point, COC	°C	ASTM D 92	226
Base number, TBN	mg KOH/g	ASTM D 2896	13.4
Sulfated ash	% (m/m)	ASTM D 874	<1,0

HEALTH & SAFETY AND ENVIRONMENT

A Material 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.