

LUBRICANTS FOR AUTOMOTION. HEAVY DIESEL

## TRACTION ADVANCED LD 10W40



### DESCRIPTION

100% synthetic lubricant for advanced commercial diesel vehicles (supercharged and intercooled) with Euro V and older engines of most manufacturers using EcoBlue® (SCR) or gas recirculation (EGR) systems. Not indicated in engines with Particle Filters (DPF). It is also suitable for Scania Euro VI engines demanding the LDF-3 specification.

### PRODUCT APPLICATIONS

- Intended for trucks and buses, both long-haul, intercity and urban, requiring very extensive maintenance intervals and the use of additional oil filters with high capacity and low micronage. Technology for very long drain periods "Super Extend Oil Drain"
- Indicated in mixed fleets, where there are vehicles with Euro V and older engines.
- Approved as SCANIA LDF-3 for its latest generation Euro VI engines and with long change intervals.

### PRODUCT PERFORMANCE

- Due to its synthetic character and latest generation detergent additive, it provides high piston cleaning, around 60% higher than conventional SHPD, resulting in lower maintenance costs and longer engine life.
- Due to its low volatility, it has very low oil consumption in severe conditions.
- Due to its better fluidity, it reduces wear during critical start-up periods.
- For engines that produce a high rate of soot due to their high dispersant capacity.

### SPECIFICATIONS

- ACEA E4/ E7
- VOLVO VDS-3
- MTU Type 3
- DEUTZ DQC III-10
- MACK EO-N
- DAF Extended Drain
- MB-Approval 228.5
- Renault RLD-2
- CUMMINS CES 20072
- MAN M 3277
- SCANIA LDF-3



### TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	TRACTION ADVANCED LD 10W40
<b>SAE Grade</b>	-	-	<b>10W40</b>
Density at 15°C	g/ml	ASTM D 4052	0.867
Viscosity at 100°C	cSt	ASTM D 445	13.3
Viscosity at 40°C	cSt	ASTM D 445	87.5
Viscosity index	-	ASTM D 2270	153
CCS viscosity at -25°C	cP	ASTM D 5293	6640
Freezing point	°C	ASTM D 5949	-33
Flash point, V/A	°C	ASTM D 92	>210
Base number, TBN	mg KOH/g	ASTM D 2896	15.7
Sulphated ash	% (m/m)	ASTM D 874	1.8

### 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.