

## **≠** CEPSA

### LUBRICANTS FOR AUTOMOTION. HEAVY DIESEL

# TRACTION ADVANCED 10W40 買冒區

#### DESCRIPTION

Synthetic lubricant with high quality additives for the lubrication of advanced commercial diesel vehicles (supercharged and intercooled) in Euro IV and Euro V engines of most manufacturers using EcoBlue® (SCR) or gas recirculation (EGR) systems. Technology developed for very long drainage periods, meeting ACEA E4 requirements.

#### **PRODUCT APPLICATIONS**

- Intended for trucks and buses, both long-distance as well as interurban and urban, which require very extended maintenance intervals.
- For engines that produce a high rate of soot due to their high dispersant capacity.
- Exceeding the MAN M 3377 specification, it can be used in MAN Euro VI engines, provided that the MAN particulate filter maintenance requirements are met.
- Also indicated in mixed fleets, where there are vehicles with Euro V and older engines.

#### **PRODUCT PERFORMANCE**

- Provides high piston cleaning, around 60% higher than conventional SHPD, resulting in lower maintenance costs and longer engine life.
- Excellent protection against oxidation and corrosion.
- Due to its better fluidity, it reduces wear during critical start-up periods.

#### **SPECIFICATIONS**

- ACEA E4, E7
- VOLVO VDS-3
- MTU Type 3
- API CI-4
- MACK EO-N
- DEUTZ DQC IV-10
- MAN M 3277 / M 3377
- RENAULT VI RXD/RLD-2
- Detroit Diesel DDC93K215
- DTFR 15B120 (MB 228.5)
- CUMMINS CES 20078



### TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	TRACTION ADVANCED 10W40
SAE Grade	-	-	10W-40
Density at 15°C	g/ml	ASTM D 4052	0.8612
Viscosity at 100°C	cSt	ASTM D 445	13.35
Viscosity at 40° C	cSt	ASTM D 445	89.8
Viscosity index	-	ASTM D 2270	150
CCS viscosity at -25°C	сР	ASTM D 5293	6300
Freezing point	°C	ASTM D 5950	-33
Flash point, V/A	°C	ASTM D 92	>220
Base number, TBN	mg KOH/g	ASTM D 2896	13
Sulphated ash	% (m/m)	ASTM D 874	1.44

#### **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.