



## TEK MEGA X 10W40

Technosynthese®

### DESCRIPTION

**TEKMA MEGA X 10W-40** is a lubricant for all low emissions diesel engines naturally aspirated or turbocharged : trucks, bulldozers, construction machinery, Buses, Farm machinery, stationary engines, boat engines...

### APPLICATIONS

**TEKMA MEGA X 10W-40** is designed for all low emissions European, American or Japanese Diesel engines naturally aspirated or Turbocharged, in line with Euro II, Euro III, Euro IV and Euro V fitted with EGR System (Exhaust Gas Re-circulation) or SCR (Selected Catalyst Reduction): trucks, bulldozers, construction machinery, buses, farm machinery, stationary engines, boat engines...

Can be used as single lubricant in case of fleet composed of new & old generation engines.

**TEKMA MEGA X 10W-40** is also recommended for other OEMs such as CUMMINS, DAF, IVECO.

### ADVANTAGES

- Dispersant and anti-oxidation properties: protection against soot build-up and oil filter plugging.
- Superior anti-Wear level: bore polishing protection.
- Superior detergent level: piston cleanliness and piston groove deposits control.
- The 10W viscosity grade at cold temperature drastically improves wear protection at cranking and provides significant fuel economy in frequent start-ups driving mode.
- Anti-corrosion, anti-rust, anti-foam.



## TECHNICAL CHARACTERISTICS

CHARACTERISTICS	METHOD	TEK MEGA X 10W40
Viscosity grade	SAE J 300	10W-40
Density at 20°C (68°F)	ASTM D1298	0.863 g/mL
Viscosity at 40°C (104°F)	ASTM D445	100.4 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	15.0 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	156.0
Pour point	ASTM D97	-42.0 °C / -44.0 °F
TBN	ASTM D2896	10.4 mg KOH/g
Flash point	ASTM D92	226.0 °C / 439.0 °F

## STANDARDS / APPROVALS / PERFORMANCE LEVEL

**TEK MEGA X 10W40** meets the following standards:

- ACEA - E7 (Replaces E5 and E3)
- API - CI-4 / CH-4

**TEK MEGA X 10W40** received approvals from:

- MACK - EO-N
- MAN - 3275
- MERCEDES-BENZ - MB-Approval 228.3
- RENAULT TRUCKS - RVI RLD-2
- VOLVO - VDS-3
- KAMAZ - approval for EURO III, EURO IV, EURO V ecological classes

**TEK MEGA X 10W40** meets or exceeds the most common specifications and OEM requirements:

- CATERPILLAR - ECF-1
- GLOBAL - DHD-1
- MTU - Type 2



## RECOMMENDATIONS

Drain interval: refer to the manufacturer's recommendations and adjust to your own use.

Can be mixed with synthetic and mineral oils.

## IMPORTANT NOTICE

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary. The safety data sheet of this product is available at [www.motul.com](http://www.motul.com).