



TEKMA MEGA X 10W-40

Lubricant for Diesel engine

SHPD: « Super High Performance Diesel »

Technosynthese®

TYPE OF USE

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.

PERFORMANCES

STANDARDS	ACEA E7 (Replaces E5 and E3) API CI-4 / CH-4
APPROVALS	MACK EO-N, MAN M 3275, MB-Approval 228.3, RVI RLD-2, VOLVO VDS 3, KAMAZ approval (for EURO 3, EURO 4, EURO 5 ecological classes)
PERFORMANCES	CATERPILLAR ECF-1, Global DHD-1, MTU Type II

Also recommended for other OEMs such as CUMMINS, DAF, IVECO ...

Lubricant reinforced with synthetic base stock providing, at the same time, outstanding resistance at high temperature, easier flowing at cold temperature and longer lubricant life time.

The API CI-4 performance ensures protection and durability of engines fitted with EGR systems:

- 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.

RECOMMENDATIONS

Drain interval: refer to manufacturers' recommendations, tune to your own use (engine type, service).

Can be mixed with synthetic or mineral oils.

PROPERTIES

Viscosity grade	SAE J 300	10W-40
Density at 20°C (68°F)	ASTM D1298	0.863
Viscosity at 40°C (104°F)	ASTM D445	100.4 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	15.0 mm ² /s
Viscosity index	ASTM D2270	156
Flash point	ASTM D92	226°C / 439°F
Pour point	ASTM D97	-42°C / - 44°F
TBN	ASTM D2896	10.4 mg KOH/g

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are not definitive from the order which is subject to our general conditions of sale and warranty. - Made in France

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