



TEK MEGA X LD 15W40

Technosynthese®

DESCRIPTION

TEKMA MEGA X LD 15W-40 is a synthetic based Technosynthese® lubricant, specially developed for countries where fuel Sulfur content is around 0.5% (5000 ppm) or higher.

APPLICATIONS

TEKMA MEGA X LD 15W-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, Euro V, fitted with EGR System (Exhaust gas recirculation), SCR (Selective Catalytic Reduction), or older engine generation: 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.

ADVANTAGES

- Avoid corrosive attacks on cylinder liners when engine is burning fuel with high sulfur content above 0.5% (5000 ppm).
- Increase oil drain intervals without any risk for engine life time.
- Dispersant and anti-oxidation properties: protection against soot builds up and oil filter clogging.
- Superior detergent level: piston cleanliness and piston groove deposits control.
- Allows Fuel consumption reduction.



TECHNICAL CHARACTERISTICS

CHARACTERISTICS	METHOD	TEK MEGA X LD 15W40
Viscosity grade	SAE J 300	15W-40
Density at 20°C (68°F)	ASTM D1298	0.868
Viscosity at 40°C (104°F)	ASTM D445	104.8 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	14.7 mm ² /s
Viscosity Index	ASTM D2270	145.0
Pour point	ASTM D97	-36.0 °C / -32.8 °F
TBN	ASTM D2896	13.1 mg KOH/g
Flash point	ASTM D92	232.0 °C / 449.6 °F

Special Long Drain (LD) lubricant designed to obtain a Total Base Number, TBN = 15 mg KOH/g.

STANDARDS / APPROVALS / PERFORMANCE LEVEL

TEK MEGA X LD 15W40 meets the following standards:

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

TEK MEGA X LD 15W40 meets or exceeds the most common specifications and OEM requirements:

- GLOBAL - DHD-1
- VOLVO - VDS-3
- RENAULT TRUCKS - RVI RLD-2
- MACK - EO-N
- DEUTZ - DQC-III
- MAN - 3275
- MERCEDES-BENZ - MB 228.3
- MTU - Type 2
- CUMMINS - CES 20077-78
- DETROIT DIESEL - DDC 93K215



RECOMMENDATIONS

Drain interval: refer to manufacturer's recommendations and adjust to your own use (engine type, service) and to diesel fuel sulfur content.

Can be mixed with synthetic or 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.