

Lubricant for Diesel engine
SHPD: « Super High Performance Diesel »
Long Drain
Technosynthese®

TYPE OF USE

Synthetic based Technosynthese® lubricant, specially developed for countries where fuel Sulfur content is around 0.5% (5000 ppm) or higher.

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.

PERFORMANCES

Technosynthese® Long Drain (LD) lubricant designed to obtain a Total Base Number, TBN = 15 mg KOH/g allowing:

- to avoid corrosive attacks on cylinder liners when engine is burning fuel with high sulfur content above 0.5% (5000 ppm).
- to increase oil drain intervals compared to intervals usually reached by oils with same profile but with lower TBN, this without any risk for engine life time.
- 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.

Anti-corrosion, Anti-rust, Anti-foam.

RECOMMENDATIONS

Drain interval: refer to manufacturers' recommendations, tune to your own use (engine type, service) and to diesel fuel sulfur content. Can be mixed with synthetic or mineral oils.



TEKMA MEGA X LD 15W-40

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PROPERTIES

Viscosity grade	SAE J 300	15W-40
Density at 20°C (68°F)	ASTM D1298	0.871
Viscosity at 40°C (104°F)	ASTM D445	104.5 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	15.1 mm ² /s
Viscosity Index	ASTM D2270	151.0
Pour point	ASTM D97	-36.0 °C / -32.8 °F
Flash point	ASTM D92	228.0 °C / 442.0 °F
TBN	ASTM D2896	14.9 mg KOH/g

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STANDARDS	
ACEA	E7 (Replaces E5 and E3)
API	CI-4 / CH-4 / CF
GLOBAL	DHD-1
JASO	DH-1
OE PERFORMANCES	
ALLISON TRANS-MISSION	TES-439
CATERPILLAR	ECF-1a, ECF-2
CUMMINS	CES 20076-77-78
DETROIT DIESEL	DDC PGOS 93K215
DEUTZ	DQC-III
MACK	EO-N
MAN	3275-1
MERCEDES-BENZ	MB 228.3
MTU	Type II
RENAULT TRUCKS	RVI RLD-2
VOLVO	VDS-3
PRODUCTS	
MTU	Type II

