

**MOTUL**[®]

TEKMA MEGA 15W-40

Lubricant for Heavy Duty Diesel engines

SHPD: « Super High Performance Diesel »

TYPE OF USE

All low emissions European, American or Japanese heavy duty 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

STANDARDS	ACEA E7 (Replaces E5 and E3) API CI-4 / CH-4
APPROVALS	MACK EO-N, MB-Approval 228.3, RVI RLD-2 , VOLVO VDS-3
PERFORMANCES	CUMMINS CES 20071 / 72 / 76 / 77 / 78, CATERPILLAR ECF-2, Global DHD-1, MTU Type II, MAN M 3275

Also suitable for SCANIA, IVECO, DAF... when an ACEA E3/E5 lubricant is required.

The new standard Global DHD-1 is the result of requirements defined by European = ACEA, American = API and Japanese = JASO associations.

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

- dispersant and anti-oxidation properties: protection against soot build-up and oil filter clogging.
- 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 and tune to your own use.

Can be mixed with synthetic or mineral oils.

PROPERTIES

Viscosity grade	SAE J 300	15W-40
Density at 20°C (68°F)	ASTM D1298	0.872
Viscosity at 40°C (104°F)	ASTM D445	104.3 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	14.9 mm ² /s
Viscosity Index	ASTM D2270	149
Flash point	ASTM D92	226°C / 439°F
Pour point	ASTM D97	-39°C / -38°F
TBN	ASTM D2896	10.5 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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