



# TEKMA MEGA 15W-40

Lubricant for Diesel engines  
SHPD : « Super High Performance Diesel »

## TYPE OF USE

All low emissions European, American or Japanese Diesel engines naturally aspirated or Turbocharged, in line with Euro II, Euro III fitted with EGR System (Exhaust gas re-circulation) 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 : **CATERPILLAR ECF-1**, CUMMINS 20071-20072-20076-20077-20078,  
MAN M 3275, Global DHD-1, MACK EOM PLUS,  
MERCEDES BENZ page 228.3, MTU Type II, RVI RD / **RD-2** / RLD / **RLD-2**  
VOLVO VDS-3

Also suitable for SCANIA, IVECO, DAF... when ACEA E3/E5 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 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 and tune to your own use.

Can be mixed with synthetic or mineral oils.

## PROPERTIES

Viscosity grade	SAE J300	15W-40
Density at 15°C (59°F)	ASTM D1298	0.885
Viscosity at 40°C (104°F)	ASTM D445	112.2 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	14.9 mm <sup>2</sup> /s
Viscosity index	ASTM D2270	137
Flash point	ASTM D92	224 °C / 435 °F
Pour point	ASTM D97	-33 °C / -27 °F
TBN	ASTM D2896	11.9 mg KOH/g