



## TEKMA MEGA 15W-40

Mineral

### DESCRIPTION

**TEKMA MEGA 15W-40** is a lubricant for heavy duty diesel engines naturally aspirated or turbocharged, or older engine generation.

### APPLICATIONS

**TEKMA MEGA 15W-40** is designed for 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 Re-circulation), SCR (Selective Catalytic Reduction), or older engine generation: Trucks, Bulldozers, Construction machinery, Buses, Farm machinery, Stationary engines, Boat engines...

It can be used as single lubricant in case of fleet composed of new & old generation engines.

**TEKMA MEGA 15W-40** is suitable for SCANIA, IVECO, DAF... when an ACEA E3/E5 lubricant is required.

### ADVANTAGES

- Dispersant and anti-oxidation properties: protection against soot build-up and oil filter clogging.
- Superior Anti-Wear level: bore polishing protection.
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- Anti-corrosion, Anti-rust, Anti-foam.



## TECHNICAL CHARACTERISTICS

CHARACTERISTICS	METHOD	TEKMA MEGA 15W-40
Color	Visual	Light Amber
Viscosity grade	SAE J 300	15W-40
Density at 20°C (68°F)		0.872
Viscosity at 40°C (104°F)	ASTM D445	104.3 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	14.9 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	149.0
Pour point	ASTM D97	-39.0 °C / -38.0 °F
TBN	ASTM D2896	10.5 mg KOH/g
Flash point	ASTM D92	226.0 °C / 439.0 °F

## STANDARDS / APPROVALS / PERFORMANCE LEVEL

**TEKMA MEGA 15W-40** meets the following standards:

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

**TEKMA MEGA 15W-40** received approvals from:

- MACK - EO-N
- MERCEDES-BENZ - MB-Approval 228.3
- RENAULT TRUCKS - RVI RLD-2
- VOLVO - VDS-3

**TEKMA MEGA 15W-40** meets or exceeds the most common specifications and OEM requirements:

- CUMMINS - CES 20076-77-78
- GLOBAL - DHD-1
- MTU - Type 2
- MAN - 3275
- DETROIT DIESEL - DDC 93K215
- CATERPILLAR - ECF-1a
- IVECO -
- KAMAZ - approval for EURO III, EURO IV, EURO V ecological classes



## RECOMMENDATIONS

Drain interval: refer to manufacturers' recommendations and tune to your own use.  
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 safety data sheet is available on [www.motul.com](http://www.motul.com).

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. 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.