



TEKMA OPTIMA 5W30

FULLY SYNTHETIC

DESCRIPTION

TEKMA OPTIMA 5W-30 is a synthetic lubricant for Turbocharged Diesel engine.

APPLICATIONS

TEKMA OPTIMA 5W-30 is suitable for the latest generation of low emissions and high-power turbocharged Diesel engines (Euro II, Euro III, Euro VI, Euro V or Euro VI), fitted with EGR: Trucks, Buses, etc...

Fuel economy: up to 1.5% compare to a viscosity grade 15W-40 lubricant.

Specially recommended for recent fleet, with high technology engines and with Long Drain Intervals.

Not suitable for certain engines, if any doubt, refer to the owner manual.

ADVANTAGES

- Allows Fuel consumption reduction.
- Easy starts at cold temperature, and reduces wear at start up.
- Ensures engine protection and longevity.
- Dispersant and anti-oxidation properties.
- Outstanding Anti-Wear level: protection against bore polishing.
- Outstanding detergency level: piston cleanliness and piston groove deposits control.
- Anti-corrosion, Anti-rust, Anti-foam.

TECHNICAL CHARACTERISTICS

CHARACTERISTICS	METHOD	TEKMA OPTIMA 5W30
Viscosity grade	SAE J 300	5W-30
Density at 20°C (68°F)	ASTM D1298	0.856
Viscosity at 40°C (104°F)	ASTM D445	72.4 mm²/s
Viscosity at 100°C (212°F)	ASTM D445	12.1 mm²/s
Viscosity Index	ASTM D2270	163.0
Flash point	ASTM D92	225.0 °C / 437.0 °F
Pour point	ASTM D97	-42.0 °C / -44.0 °F
Sulfated Ash	ASTM D874	1.80 % weight
TBN	ASTM D2896	15.3 mg KOH/g

STANDARDS / APPROVALS / PERFORMANCE LEVEL

TEKMA OPTIMA 5W30 meets the following standards:

- ACEA - E4 / E7 (Replaces E5 and E3)

TEKMA OPTIMA 5W30 received approvals from:

- MACK - EO-N
- MERCEDES-BENZ - MB-Approval 228.5
- MERCEDES-BENZ - MB-Approval 235.28
- RENAULT TRUCKS - RVI RLD-2
- VOITH - Class B
- VOLVO - VDS-3

TEKMA OPTIMA 5W30 meets or exceeds the most common specifications and OEM requirements:

- MAN - 3277
- SCANIA - LDF-3
- DAF - Extended Drain
- DEUTZ - DQC-IV
- FORD - WSS M2C 212 A1
- IVECO - 18-1804 TFE
- MTU - Type 3



RECOMMENDATIONS

Oil change: according to manufacturer's recommendations (engine type, service).
We advise to scrupulously respect manufacturer's oil drain intervals.

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.

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.