



# TEKMA OPTIMA 5W-30

Lubricant for Turbocharged Diesel engine

100% Synthetic

Long Drain - Fuel economy

## TYPE OF USE

Suitable for the latest generation of low emissions and high-power Turbocharged Diesel engines ( EURO II, III, VI, V, VI ), fitted with EGR : Trucks, Buses...

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

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.

## PERFORMANCE

|              |                                                                                                                                                                       |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STANDARDS    | ACEA E4 / E7 (Replaces E5)                                                                                                                                            |
| APPROVALS    | MB-Approval 228.5 / 235.28, RVI RXD, VOITH CLASS B                                                                                                                    |
| PERFORMANCES | CUMMINS CES 20077, DAF Extended Drain, DEUTZ DQC-IV, FORD WSS-M2C-212-A1, MACK EO-N, MAN M3277, MTU Category 3, RVI RD , RLD, RD-2 , RLD-2, SCANIA LDF-3, VOLVO VDS-3 |

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.

## RECOMMENDATIONS

Oil change: according to manufacturer's recommendations (engine type, service).

We advise to scrupulously respect manufacturer's oil drain intervals.

## PROPERTIES

|                            |            |                         |
|----------------------------|------------|-------------------------|
| Viscosity grade            | SAE J300   | <b>5W-30</b>            |
| Density at 20°C (68°F)     | ASTM D1298 | 0.856                   |
| Viscosity at 40°C (104°F)  | ASTM D445  | 72.4 mm <sup>2</sup> /s |
| Viscosity at 100°C (212°F) | ASTM D445  | 12.1 mm <sup>2</sup> /s |
| Viscosity index            | ASTM D2270 | 163                     |
| Flash point                | ASTM D92   | 225°C / 437°F           |
| Pour point                 | ASTM D97   | -42°C / -43.6°F         |
| Sulfated ash               | ASTM D874  | 1.8 % weight            |
| TBN                        | ASTM D2896 | 15.23 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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