



MOTUL TEKMA ULTIMA + 5W-30

Lubricant for Turbo Diesel engines with DPF

Synthese-Technologie

DESCRIPTION

TEKMA ULTIMA+ 5W-30 is a Synthese-Technologie lubricant for Turbo Diesel engines with DPF.

APPLICATIONS

TEKMA ULTIMA+ 5W-30 is a lubricant specially designed for the last generation of trucks, buses, construction machinery, farm machinery, stationary engines, and boat engines running with low sulfur fuel (≤ 50 ppm). Low emissions turbo Diesel direct injection engines, Euro III, Euro IV, Euro V or Euro VI emission regulation compliant, fitted with EGR system (Exhaust Gas Re-circulation) and/or SCR (Selective Catalytic Reduction) system and with or without DPF (Diesel Particulate Filter), working in highly severe conditions of load and service, requiring an ACEA E6 engine oil, "Low SAPS" with reduced content of Sulfated Ash ($\leq 1.0\%$), Phosphorus ($\leq 0.08\%$) and Sulfur ($\leq 0.3\%$).

TEKMA ULTIMA+ 5W-30 can also be used as single lubricant in case of fleet composed of new & old generation engines.

ADVANTAGES

- Dispersant and anti-oxidation properties: protection against soot builds up and oil filter clogging.
- Superior Anti-Wear level: bore polishing protection.
- Superior detergent level: piston cleanliness and piston groove deposits control.
- Viscosity grade at cold temperature minimizes wear at cold temperature, easy start up.
- Anti-corrosion, Anti-rust, Anti-foam.

**TECHNICAL INFORMATION**

| TECHNICAL CHARACTERISTICS | UNITS | METHOD | TEKMA ULTIMA+ 5W-30 DE |
|----------------------------|--------------------|------------|------------------------|
| Viscosity grade | - | SAE J 300 | 5W-30 |
| Density at 20°C (68°F) | - | | 0.850 |
| Viscosity at 40°C (104°F) | mm ² /s | ASTM D445 | 71.8 |
| Viscosity at 100°C (212°F) | mm ² /s | ASTM D445 | 12.1 |
| Viscosity Index | - | ASTM D2270 | 166.0 |
| Pour point | °C | ASTM D97 | -42.0 / -44.0 |
| TBN | mg KOH/g | ASTM D2896 | 13.4 |
| Flash point | °C | ASTM D92 | 228.0 / 442.0 |

These characteristics are given only for information and can be updated over time.

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.

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.