

Technical Data Sheet



TURBOT MMS 10W-40 Synthetic Based Diesel Engine Oil

PRODUCT DESCRIPTION

TURBOT MMS 10W-40 is a high performance synthetic based diesel engine oil developed to provide effective protection in EURO 4, 5 or 6 exhaust emission level heavy duty vehicles equipped with exhaust gas emission systems such as Diesel Particulate Filter (DPF), Diesel Oxidation Catalyst (DOC), and/or Exhaust Gas Recirculation (EGR).

ADVANTAGES

- It provides the longest drain interval.
- Improves the efficiency of exhaust after treatment systems such as DPF, DOC and EGR.
- Its superior thermal and oxidation stability maintains its performance.
- The new additive and base oil technology provides excellent engine protection.
- Meets the advanced standards of original equipment manufacturers with high performance.
- Its superior soot handling keeps the engine clean and reduces maintenance costs.

SPECIFICATIONS

- ACEA E7/E8/E11-22
- API CI-4
- Caterpillar ECF-1a
- Cummins CES 20076, 20077
- Daimler DFTR 15C110 (Former MB Approval 228.51)
- Deutz DQC IV-18 LA, DQC TTCD

- Ford Trucks WSS-M2C944-A (60.000 km)
- JASO DH-2
- Mack EO-N
- MAN 3271-1/3271-3/3477
- MTU Type 3.1
- Renault Trucks RLD-2/RXD/RGD
- Volvo VDS-3

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. ALPET LUBRICANTS cannot be held responsible for any damage or loss that may arise from abnormal or unintended use of the product or from the inherent dangers and consequences of this product.



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CHARACTERISTIC PROPERTIES

Viscosity Grade: SAE 10W-40

Analysis	Unit	Analysis Method	Typical Values
Density, 15°C	g/cm ³	ASTM D 4052	0,861
Viscosity, 40°C	cSt	ASTM D 445	100,9
Viscosity, 100°C	cSt	ASTM D 445	14,40
Viscosity Index	-	ASTM D 2270	146
Pour Point	°C	ASTM D 97	-39
Flash Point	°C	ASTM D 92	240
TBN	mg KOH/g	ASTM D 2896	10,2
Sulfated ash	%m/m	ASTM D 874	0,95

ADDITIONAL INFORMATION

Package

- 20 L
- 200 L

Storage

- Packages should be stored in well-ventilated and closed areas with their lids tightly closed.
- Packages should not be exposed to direct sunlight and should always be stored under 60°C.

Health and Safety

Health and Safety recommendations for this product can be found on the "Safety Data Sheet" (SDS) at https://www.alpetmadeniyaglari.com/home-english/#

Used oils should not be poured into underground or any water reservoir, sewer connection, or garbage. Gloves should be used to avoid skin diseases in prolonged contact with used oils. If used oil comes into contact with the skin, it should be washed immediately with plenty of soap and water. If irritation and redness occur in skin contact, a doctor should be consulted immediately.

ATAK MADENİ YAĞ PAZARLAMA SANAYİ VE TİCARET A. Ş.

Headquarter : Esentepe Mahallesi, Büyükdere Cad. Levent 199, No: 199, İç Kapı No: 15, Şişli, İstanbul, Türkiye : A.O.S.B., 10032 Sok., No: 13, 35620, Çiğli, İzmir, Turkiye Tel: +90 232 328 3128 Plant Fax: +90 232 328 3025 www.alpetmadeniyaglari.com

info@alpetlubricants.com

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