

**TURBOT LE 10W-40****Superior Performance Synthetic Based Diesel Engine Oil****PRODUCT DESCRIPTION**

TURBOT LE 10W-40 is a high performance, low sulphated ash and phosphorus (Low SAPS), synthetic base diesel engine oil designed to lubricate modern, high performance, low emission engines used in heavy-duty applications, using synthetic base, extra high performance base oils and a state-of-the-art additive system to provide effective lubrication to maintain the efficiency of exhaust emission reduction systems, including exhaust systems with Exhaust Gas Recirculation (EGR) and Diesel Particulate Filter (DPF), Selective Catalytic Reduction (SCR) and Diesel Oxidation Catalysts (DOC), and to help ensure long engine life.

**ADVANTAGES**

- It has the longest oil change interval.
- It helps to reduce sludge accumulation in the engine at low temperatures and deposit formation at high temperatures thanks to its high thermal and oxidation stability.
- It has excellent oil consumption control thanks to its low volatility.
- It protects your engine better against wear and extends its life by maintaining its viscosity even at very high temperatures thanks to its high shear resistance.
- It extends the life of critical wear surfaces thanks to its superior resistance to rust and abrasion.
- It ensures efficient operation of parts such as Diesel Particulate Filter (DPF) in the exhaust system thanks to its low sulfated ash and phosphorus content.

**SPECIFICATIONS**

- ACEA E9
- API CK-4, CJ-4, CJ-4 PLUS, CI-4, CH-4
- API SN
- Caterpillar ECF-3
- CNH MAT 3521/3571
- Cummins CES 20086
- Daimler DFTR 15C100 (Önceki MB 228.31)
- Detroit Diesel DDC 93K222
- Deutz DQC III-18 LA
- Mack EOS 4.5
- MAN 3775
- MTU Type 2.1
- Renault RLD 3
- Volvo VDS 4.5

# Technical Data Sheet

## CHARACTERISTIC PROPERTIES

Viscosity Grade: SAE 10W-40

Test	Unit	Test Method	Typical Values
Density, 15 °C	g/cm <sup>3</sup>	ASTM D 4052	0,865
Viscosity, 40 °C	cSt	ASTM D 445	100,8
Viscosity, 100 °C	cSt	ASTM D 445	14,87
Viscosity Index	-	ASTM D 2270	154
Pour Point	°C	ASTM D 97	-39
Flash Point	°C	ASTM D 92	224
Total Base Number	mg KOH/g	ASTM D 2896	8,2
Sulfated ash	%m/m	ASTM D 874	<1,0

## 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.

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