

## DISCRIPTION

**TURBO TOP LIFE Plus** is a high-performance heavy-duty lubricant formulated with advanced additive technology and synthetic base components. It is designed to provide excellent engine protection, cleanliness, and durability under severe operating conditions in modern and older diesel engines.

**TURBO TOP LIFE Plus Synthetic Technology Diesel Engine Oil** is a premium quality heavy-duty engine oil developed to meet the demanding requirements of high-speed, four-stroke diesel engines operating under severe service conditions. It is formulated using carefully selected synthetic technology base oils combined with a balanced additive system to deliver outstanding performance, reliability, and engine cleanliness.

This oil provides excellent control of soot, sludge, and piston deposits while maintaining stable viscosity and strong oil film strength at both high and low operating temperatures. Its superior oxidation and thermal stability help extend oil drain intervals and protect engine components from wear, corrosion, and rust.

## APPLICATION

**TURBO TOP LIFE Plus** Recommended for use in:

- Heavy-duty diesel engines in trucks, buses, and commercial vehicles.
- Construction, mining, and agricultural machinery.
- Turbocharged and naturally aspirated diesel engines.
- On-highway and off-highway diesel equipment.
- Engines operating under high load, stop-and-go, or extended running conditions.

## BENEFITS

- Excellent wear protection for extended engine life.
- Superior control of soot, sludge, and deposits.
- High thermal and oxidation stability.
- Maintains viscosity under severe operating conditions.
- Strong protection against rust and corrosion.
- Improved engine cleanliness and performance.
- Suitable for extended drain intervals (subject to OEM guidelines).
- Reliable performance in both high-temperature and heavy-load operations.



**Performance**

<b>API</b>	<b>CI-4</b>
<b>ACEA</b>	<b>E7/E4</b>
<b>Daimler Chrysler</b>	<b>MB 228.3</b>

**Approvals**

<b>API</b>	<b>CI-4</b>
<b>Volvo</b>	<b>VDS-3</b>
<b>Renault</b>	<b>VI RLD-2</b>
<b>Daimler Chrysler</b>	<b>MB 228.3</b>
<b>MAC</b>	<b>EO-10</b>
<b>MAN</b>	<b>M 3277</b>

**AVAILABILITY**

SAE Grades 5W40, 10W40,15W40, 20W40, 5W50 and 20W50.

**Packaging:** 1Q,1L,4Q, 4L,5Q, 5L, 18L, 20L, 25L, Drums, IBC.

**Specification**

Test Parameter	Units	Test Limits	Test Method
<b>SAE Grade</b>	-	<b>20W40</b>	-
<b>Appearance</b>	-	C&B	Visual
<b>Density @ 15°C</b>	g/cm3	0.867	ASTM D-4052
<b>Viscosity @ 40°C</b>	cSt	108	ASTM D-445
<b>Viscosity @ 100°C</b>	cSt -	<b>12.5 – 16.2</b>	ASTM D-445
<b>Viscosity Index, min.</b>		120	ASTM D- 2270
<b>CCS, max</b>	mPa-S	9500@-15	ASTM D-5293
<b>Flash Point (COC), min. °C</b>		226	ASTM D-92
<b>Pour Point, max. °C</b>		-22	ASTM D-97
<b>Base Number,min.</b>	mg/gr	8-12	ASTM D-2896
<b>CODE</b>	-	<b>414/5</b>	-