

## **DISCRIPTION**

**TURBO FULLY TOP LIFE** Fully Synthetic Diesel Engine Oil is a premium-quality, high-performance lubricant formulated to meet API CI-4 requirements. It provides excellent engine protection, cleanliness, and durability for modern diesel engines operating under severe service conditions.

**TURBO FULLY TOP LIFE** is developed using advanced fully synthetic base oils combined with a balanced additive system to deliver superior protection and performance in high-output diesel engines.

It is designed to handle extreme operating conditions such as high temperatures, heavy loads, extended drain intervals, and stop-and-go operations.

The formulation offers excellent resistance to oxidation and thermal degradation, helping to maintain oil stability and viscosity throughout the service life. Its strong detergent and dispersant system effectively controls soot, sludge, and deposits, keeping critical engine components clean and ensuring reliable engine performance.

## **APPLICATION**

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

- Heavy-duty diesel engines in trucks, buses, and commercial vehicles.
- Construction, mining, and agricultural equipment.
- Diesel engines operating under high load and severe service conditions.
- Commercial vehicles, trucks, buses, and vans.
- Turbocharged and naturally aspirated diesel engines.
- On-highway and off-highway diesel applications.
- Fleets requiring reliable performance across multiple viscosity grades.

## **BENEFITS**

- Excellent protection against engine wear and corrosion.
- Superior control of soot, sludge, and piston deposits.
- High thermal and oxidation stability for extended oil life.
- Maintains viscosity stability under high temperatures and heavy loads.
- Supports cleaner engine operation and improved engine durability.
- Reliable performance in severe and long-hour operating conditions.

**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, 5W50and 20W50.

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

**Specification**

Test Parameter	Units	Test Limits	Test Method
SAE Grade	-	<b>10W40</b>	-
Appearance	-	C&B	Visual
Density @ 15°C	g/cm3	0.867	ASTM D-4052
Viscosity @ 40°C	cSt	108	ASTM D-445
Viscosity @ 100°C	cSt	<b>12.5 – 16.2</b>	ASTM D-445
Viscosity Index, min.	-	120	ASTM D- 2270
CCS, max	mPa-S	7000@-20	ASTM D-5293
Flash Point(COC), min.	°C	226	ASTM D-92
Pour Point, max.	°C	-22	ASTM D-97
Base Number,min.	mg/gr	8-12	ASTM D-2896
<b>CODE</b>	-	<b>414/2</b>	-