



TURBO TOP LIFE PLUS ***Synthetic Diesel Engine Oil***

DESCRIPTION

TURBO TOP LIFE PLUS is synthetic lubricant oil formulated with synthetic technology by blending high quality synthetic base fluids and high performance additives. It is formulated for high speed and four-stroke diesel engines which a service category of CI-4 plus. The oils are compounded for use in all applications with diesel fuels with sulfur content ranging up to 0.05% by weight. These oils are especially effective at sustaining engine durability where exhaust emission componentry may be used. **TURBO TOP LIFE PLUS** provides protection against wear, corrosion, low/high-temperature stability, piston deposit control, soot handling properties and viscosity loss due to shear, and can be used for lower service category engines.

APPLICATION

TURBO TOP LIFE PLUS can be used in all types of diesel engines, high speed diesel engines equipped with Exhaust Gas Recirculation (EGR), and light/medium/heavy-duty services, turbo-charged four-stroke diesel engines, and all construction diesel engine equipment. It can also be used in lower performance levels of diesel engines.

BENEFITS

- Superior oil for turbo-charged four stroke diesel engines.
- Outstanding protection against rust, wear and sludge formation.
- Impressive thermal stability and oxidation resistance.
- Flows faster to improve circulation throughout the engine, providing excellent startup.
- Maintains engine's cleanness.
- Outstanding low-temperature fluidity.
- Immediate lubrication in cold conditions during engine startup.





PRODUCT DATA SHEET

PERFORMANCE

API	CI-4 Plus/SL
ACEA	E7/E4
Daimler Chrysler	MB 228.5

Approvals

Volvo	VDS-3
Renault	VI RLD-2
MAC	EO-10

TURBO TOP LIFE available in 5W40, 10W40 and 15W40 SAE Grade

Specifications

Test Parameter	Units	Test Limits			Test Method
		5W/40	10W/40	15W40	
SAE Grade		5W/40	10W/40	15W40	-
Appearance	-	C&B	C&B	C&B	Visual
Density @ 15°C	g/cm ³	0.850	0.858	0.867	ASTM D-4052
Viscosity @ 40°C	cSt	78	82	87	ASTM D-445
Viscosity @ 100°C	cSt	14.0	14.5	15.0	ASTM D-445
Viscosity Index, min.	-	170	165	160	ASTM D- 2270
CCS, max	mPa-S	5430@-30	6140@-25	6740@-20	ASTM D-5293
Flash Point (COC), min.	°C	238	248	254	ASTM D-92
Pour Point	°C	-39	-36	-33	ASTM D-97
Base Number	mg/gr	11	11	11	ASTM D-2896
Sulfated Ash	% wt	1	1	1	ASTM D-874
CODE		412/1	412/2	412/3	-

- These specifications are typical of current production. Whilst future production will confirm to PetroLifeCo specifications. Variations on these specifications may be occurring.

