

DESCRIPTION

LUBRAL TURBO HD SAE 15W-40 API CI-4 / SL is a lubricant made with highly refined oils and perfectly balanced high-tech synthetic additives that allow it to perform adequately in the most modern engines under severe operating conditions.

BENEFITS

- Excellent thermal and oxidation stability, forming less accumulation of sludge and deposits at high temperatures.
- Good shear stability maintaining stable viscosity in extreme temperature conditions.
- High viscosity index
- Control of emission of particles into the atmosphere.
- Check valve train, rings and liners for wear
- Excellent soot dispersion
- Effective control against wear

APPLICATIONS

LUBRAL TURBO HD SAE 15W40 API CI-4 / SL oil is recommended for 4-stroke diesel engines, designed to meet 2004 exhaust gas emission standards. Maintains engine durability when using exhaust gas recirculation systems. exhaust (EGR), designed to be used with diesel with a sulfur content of up to 0.5% by weight and can replace the categories CF, CF-4, CG-4 and CH-4. Recommended for use in a wide range of applications in operating environments such as transportation, construction, mining, agriculture, marine, etc.

It is also recommended for gasoline engines in good condition, which require API SL quality.

In addition, it meets or exceeds the requirements for: ACEA E7-16; Cummins CES 20076, 20077 y 20078; Global DHD-1; Mack EO-MPlus y EO-N; MAN M3275; MB 228.3; Renault Truck RLD-2; Volvo VDS-3; CAT ECF-1-a, CAT ECF-2; DETROIT DIESEL DDC 93K215; MTU Type 2 y DEUTZ DQC III – 10.

CHARACTERISTICS

TESTS	TEST METHOD	TYPICAL VALUE
SAE Grade	SAEJ300	15W-40
Color	ASTM D1500	4.0
Appearance	Visual	Bright
Density @20°C, g/ml	ASTM D4052	0.87
Flash point COC, °C, min.	ASTM D92	229
Kinematic Viscosity @100°C, cSt	ASTM D445	15
Kinematic Viscosity @40°C, cSt	ASTM D445	111
Viscosity Index	ASTM D2270	138
Pour point, °C	ASTM D97	-24
TBN, mg KOH/g	ASTM D2896	11
Sulphated ashes, % peso	ASTM D874	1.0
CCS @ -20°C, Cp	ASTM D5293	4770
Foam Tendencies, ml max.	ASTM D892	
Sequence I		10/0
Sequence II		20/0
Sequence III		10/0

Typical Characteristics are those obtained with normal tolerance of production and no constitute a specification. Variations that do not affect the yield product during the normal manufacturing and on different mixing locations are expected.

Information contained in this document is held to changes without previous advisement. The availability of the products could vary depending on the location. For further information, contact venta@lubral.com