PETROTM OIL

LUBENZ GEAR OIL ULTRA ROXX GL-5

Product Data Sheet

Product Description

LUBENZ GEAR OIL ULTRA ROXX GL-5 HD series of lubricants are high performance heavy duty gear oils, formulated from high quality base oils and an advanced additive system. These lubricants are designed for automotive heavy- duty transmissions, axles and final drives. Moreover these oils are specially engineered for heavy-duty axles and final drives where extreme pressures and shock loadings are expected.

Features & Benefits

- Exceptional thermal & oxidation stability protects against deposit formation and oil thickening, thus maintains the life and performance of lubricant and transmission.
- Outstanding anti-wear properties and excellent film strength provides exceptional equipment protection, that not only results in fewer breakdowns but also helps improve transmission efficiency.
- Excellent rust and corrosion protection for longer component life.
- Compatibility with seals and gaskets, leads to minimize oil leakage and reduced contamination.

Specifications

LUBENZ GEAR OIL ULTRA ROXX GL-5 HD series meets or exceeds following International and Builder specifications:

- API GL-5
- MIL-L-2105D (U.S Military Specification)
- MAN 342 M2
- ZF TE ML 05A, 7A, 12E, 16B, C & D, 17B, 19B, 21A

Application

LUBENZ GEAR OIL ULTRA ROXX GL-5 HD series are suitable for use in all Passenger cars, On-highway light and heavy duty trucks, and commercial vehicles.

- Suitable for Heavy duty manual transmissions, axles and final drives requiring API GL-5 level performance.
- Applications like Off-highway industries including: construction, mining, quarrying, and agriculture.
- Other heavy-duty industrial and automotive applications, involving hypoid gears operating under conditions where high speed/shock load, high speed/low torque, and/or low speed/high torque exists.

Typical Characteristics

LUBENZ GEAR OIL ULTRA ROXX GL-5	Test Method	Units	90	140	80W90	85W90	85W140
Density @ 15 ^{0}C	ASTM D 4052	gm/cc	0.890	0.910	0.888	0.890	0.908
Viscosity @ 40 ^{0}C	ASTM D 445	cSt	145	447	146	190	356
Viscosity @ 100 ^{0}C	ASTM D 445	cSt	14.3	30.0	14.7	17.4	25.6
Viscosity Index	ASTM D 2270	-	96	95	100	97	95
Pour Point	ASTM D 97	°C	-12	-9	-24	-24	-15
Flash Point (COC)	ASTM D 92	°C	240	260	230	236	248
Copper Strip Corrosion	ASTM D 130	-	1B	1B	1B	1B	1B
Foam Seq I,II,III	ASTM D 892	ml/ml	10/0	20/0	10/0	10/0	20/0
Phosphorus	ASTM D 4951	%wt	0.055	0.055	0.055	0.055	0.055

The above figures are typical of blends with normal production tolerance and do not constitute a specification.