

LUBRAL GEARBOXES OIL EP Syn ISO 220

SYNTHETIC EXTREME PRESSURE LUBRICANTS FOR INDUSTRIAL GEARS

DESCRIPTION

It is a synthetic oil of the highest quality for industrial gears and bearings that are part of closed transmissions operating under severe service conditions. They contain additives that impart antifriction and extreme pressure (EP) characteristics, great oxidation stability and protection against corrosion, as well as a high level of resistance against “micropitting” fatigue.

BENEFITS

- Great capacity to bear loads.
- Low maintenance costs
- Excellent thermal stability and resistance against oxidation, inhibiting the formation of sludge and deposits even at high oil operating temperatures.
- Features that reduce friction losses by mitigating wear on lubricated components.
- High resistance to “micropitting” increasing the life time of the equipment components.
- High viscosity index that give optimal performance in a wide temperature range.
- Excellent characteristics to reduce foaming.
- Quick water separation.
- Protection against rust and corrosion.
- High adhesiveness even in the presence of water.

APPLICATIONS

This lubricant is designed to be applied in all types of closed gear transmissions with circulating or splash lubrication systems and in speed reducers with spur, bevel and helical gears; speed reducers for conveyor belts, rolling mills, screens, etc.

They are particularly recommended for gears that work under load and shock load conditions.

MEET THE REQUIREMENTS

- Flender
- DIN 51517 Part 3
- AGMA 9005-E02
- U.S. Steel 224
- ISO 12925-1 CKC/CKD
- David Brown S1.53.101

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CHARACTERISTICS

TESTS	TEST METHOD	TYPICAL VALUE
ISO Grade		220
Color	ASTM D1500	0.5
Appearance	Visual	Brilliant
Kinematic Viscosity @40°C, cSt	ASTM D445	227
Kinematic Viscosity @100°C, cSt	ASTM D445	28
Viscosity Index	ASTM D2270	160
Flash Point COC, °C	ASTM D92	230
Pour Point, °C	ASTM D97	-30
Resistance To Rust Formation	ASTM D665	Pass
Foaming ml/min, máx.	ASTM D892	
Sequence I		25/0
Sequence II		25/0
Sequence III		25/0
Copper Corrosion	ASTM D130	1b

Typical Properties are those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are expected during normal manufacturing and at different mixing locations.

The information in this document is subject to change without notice. Product availability may vary depending on the location. For more information, you can contact us at venta@lubral.com