

# LUBRAL GEARBOXES OIL EP Syn ISO 100

## SYNTHETIC EXTREME PRESSURE LUBRICANTS FOR INDUSTRIAL GEARS

### DESCRIPTION

They are the highest quality synthetic extreme pressure lubricants for use in a wide variety of industrial gears, both in plain bearings and in antifriction bearings that are part of closed transmissions operating under severe service conditions. They contain additives that give them antifriction and extreme pressure (EP) characteristics, high oxidation stability, and corrosion protection specially designed to avoid “micropitting”.

### BENEFITS

- High capacity to bear loads.
- Low maintenance costs
- High thermal and oxidation stability that inhibits the formation of sludge and deposits even at high oil operating temperatures.
- Anti-friction characteristics that reduce friction losses and therefore 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.
- Antifoam characteristics that control foaming.
- Demulsifying characteristics that allow the rapid separation of water and oil in a short time.
- Protection against rust and corrosion.
- High adhesiveness even in the presence of water.

### APPLICATION

These oils are formulated to be applied in all types of enclosed 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 heavy load or shock 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		100
Color	ASTM D1500	0.5
Appearance	Visual	Brilliant
Kinematic Viscosity @40°C. cSt	ASTM D445	100
Kinematic Viscosity @100°C, cSt	ASTM D445	15
Viscosity Index	ASTM D2270	161
Flash Point COC, °C	ASTM D92	220
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		55/0
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](mailto:venta@lubral.com)