



ISO-9001 Registered Quality System.
ISO-21469 Compliant.

Sales, Service & Distribution Center

Newark, NJ 07105
Phone: 973-589-9150 Fax: 973-589-4432

Manufacturing, Sales, Service & Distribution Center

Toledo, OH 43605
Phone: 419-691-2491 Fax: 419-693-3806

Sales and Tech Service Support

Phone: 1-800-733-4755

LUBRIPLATE® SYNTHETIC WORM GEAR LUBRICANT

LUBRIPLATE® SYNTHETIC WORM GEAR LUBRICANT is a high performance synthetic oil that meets the ever-increasing demand for industrial gearing applications. This fluid is a 100% synthetic-based product, formulated with state-of-the-art additives.

LUBRIPLATE® SYNTHETIC WORM GEAR LUBRICANT is an excellent gear and bearing lubricant for use under severe conditions, such as extremely high or low temperatures.

LUBRIPLATE® SYNTHETIC WORM GEAR LUBRICANT provides several advantages over mineral oil-based products.

- ❖ Excellent thermal stability and oxidation-resistant characteristics, increasing the service life of the lubricant many times over that of mineral oils.
- ❖ Outstanding anti-wear properties, resulting in extended drain intervals and longer equipment life.
- ❖ Exceptional demulsibility characteristics.
- ❖ High viscosity indexes and low pour points to ensure optimum performance over a wide operating temperature range.
- ❖ Broad range of compatibility with elastomers and seal materials.
- ❖ Exhibits very low coefficient of friction and superior heat transfer characteristics, resulting in lower operating temperatures and reduced power consumption.

(Over)

LUBRIPLATE® SYNTHETIC WORM GEAR LUBRICANT:

<u>Physical Characteristics</u>	<u>ASTM</u>	<u>Typical Properties</u>
Viscosity @ 40°C cSt	D-445	440.2
@ 100°C cSt	D-445	46.6
Viscosity @ 100°F SUS	D-445	2191
Viscosity Index	D-2270	164
Pour Point, °F	D-97	-50
Flash Point, °F	D-92	550
Fire Point, °F	D-92	585
Specific Gravity	D-287	0.8597
Color	D-1500	L-0.5
Neutralization Number	D-974	0.3
Copper (Cu) Corrosion	D-130A	1a
ISO Viscosity Grade		460
SAE Gear Oil No.		140

Performance Characteristics:

Four-Ball Wear Test Average Wear Scar Diameter (40 kg, 1200 rpm, 1 hr. @ 75°C)	D-4172	0.41 mm
Conradson Carbon Residue	D-189	Nil
Emulsion Characteristics @ 82°C (Oil Water Emulsion)	D-1401	39-39-2 (10)
Rust Test Procedure B	D-665	Pass/No Corrosion
Rotating Bomb Oxidation Test (Minutes)	D-2272	> 2000

Packaging Available**Part Number**

Case, 12/1-Qt Plastic Bottles	L0981-054
Case, 4/1-Gal Jugs	L0981-057
5-Gal Pail	L0981-060
16-Gal Drum	L0981-061
55-Gal Drum	L0981-062