



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

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PRODUCT DATA

LUBRIPLATE GEAR SHIELDS

DESCRIPTION

Open gear applications have been a controversial lubrication area for years. LUBRIPLATE Gear Shields, in three different grades and characteristics, provide a product to meet most of these various applications. These products have performed to the satisfaction of even the most critical operators. These lubricants are applied as received – THEY DO NOT HAVE TO BE HEATED for application. Likewise, they are also pliable at low temperatures.

ADVANTAGES

- ⇒ Complete series covering user needs for different film thickness
- ⇒ Waterproof, corrosion resistant
- ⇒ Strong adhesive and stay-put properties
- ⇒ Solid fillers for extra wear protection under heavy load

APPLICATIONS

LUBRIPLATE Gear Shield is an NLGI No. 1 grade. **LUBRIPLATE Gear Shield Heavy** is an NLGI No. 2 grade. Both lubricants are recommended for normal gear coating applications. **LUBRIPLATE Gear Shield Extra Heavy** does not intend by its name to imply that it is an extra heavy product, but is an NLGI No. 3 grade lubricant designed especially for heavy duty applications. LUBRIPLATE Gear Shield Extra Heavy has proven itself an outstanding lubricant on a wide variety of applications. A leading heavy construction firm found it so successful in lubricating the dipper sticks, racks and pinions on their shovels handling blast furnace slag, that they adopted its use on all their shovel operations including strip mining, stone quarrying and highway construction. A leading manufacturer of heavy duty fork-lift trucks found that this lubricant was the only one that successfully lubricated the slides on some large vehicles designed for the Armed Services. Likewise, chemical and other processors using large open gear drives have found that LUBRIPLATE Gear Shield Extra Heavy has lubricated the gears more satisfactorily and prolonged the gear life considerably over that previously experienced using other gear compounds.

Typical Test Data

PROPERTY	TEST METHOD	TYPICAL RESULTS*		
		GEAR SHIELD	HEAVY	EXTRA HEAVY
Type of Base		Lithium	Lithium	Lithium
NLGI No.		1	2	3
Worked Penetration	ASTM D-217	310/ 340	265/ 295	235/ 260
Dropping Point	ASTM D-566	350°F/ 177°C	365°F/ 185°C	370°F/ 188°C
Viscosity SUS @ 210°F	ASTM D-2161	90	150	200+
cSt @ 100°C	ASTM D-445	17	31	40+
Approximate Cold Test		-20°F/ -29°C	-10°F/ -23°C	0°F/ -18°C

PACKAGING AVAILABLE

Carton, 4/6 lb. Plastic Tubs
35 lb. Pail
120 lb. Quarter Size Drum
425 lb. Full Size Drum

GEAR SHIELD

L0150-005
L0150-035

L0150-040

HEAVY

L0151-005
L0151-035
L0151-039
L0151-040

PACKAGING AVAILABLE

Carton, 40/10½ oz. Caulk Cartridges
35 lb. Pail
120 lb. Quarter Size Drum
425 lb. Full Size Drum
Carton, 12/11 Oz. Aerosol Cans

EXTRA HEAVY

L0152-000
L0152-035
L0152-039
L0152-040
L0152-063

