



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

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PRODUCT DATA

LUBRIPLATE GEAR SHIELDS

DESCRIPTION

LUBRIPLATE Gear Shields are available in three different thickness grades. These lubricants are applied as received – THEY DO NOT HAVE TO BE HEATED for application.

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
- ⇒ Aerosol package utilizes LUBRIPLATE'S SECURE STRAW DUAL SPRAY NOZZLE

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 is a NLGI No. 2.5 - 3 grade very thick, adhesive and tacky grease 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. It is also an outstanding fifth wheel grease.

Typical Test Data

PROPERTY	TEST METHOD	TYPICAL RESULTS*		
		GEAR SHIELD	HEAVY	EXTRA HEAVY
Type of Base		Lithium	Lithium	Lithium
NLGI No.		1	2	2.5-3
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

STORAGE RECOMMENDATIONS

- ⇒ Products should be stored between 40°F-120°F
- ⇒ Products should be stored in a dry covered environment
- ⇒ Products should not be stored in warm, direct sunlight
- ⇒ Improper storage conditions can significantly alter the shelf life of the product. Such conditions would include temperature, moisture, open containers, etc.

PACKAGING AVAILABLE

Carton, 4/6 lb. Plastic Tubs

GEAR SHIELD

L0150-005

HEAVY

L0151-005

35 lb. Pail

L0150-035

L0151-035

120 lb. Quarter Size Drum

L0151-039

425 lb. Full Size Drum

L0150-040

L0151-040

PACKAGING AVAILABLE

Carton, 40/10.5 oz. Caulk Cartridges

EXTRA HEAVY

L0152-000

35 lb. Pail

L0152-035

120 lb. Quarter Size Drum

L0152-039

425 lb. Full Size Drum

L0152-040

Carton, 12/11 Oz. Aerosol Cans

L0152-063