"Its the Film" ®
PREVENTS WEAR AND CORROSION
LUBRIPLATE
SUPER-LUBRICATION

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

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PRODUCT DATA

LUBRIPLATE HIGH TEMP

DESCRIPTION

LUBRIPLATE High Temp is a new development for extreme high temperature applications. This lubricant is of the non-melt type and manufactured with high viscosity oils of exceptional stability.

ADVANTAGES

- ⇨ Very chemical resistant
- ⇨ Rust & corrosion resistant
- ⇨ High anti-wear film protection
- ⇨ Inert to most chemical

Typical Test Data – See Back

APPLICATIONS

This lubricant should provide excellent lubrication on many of the higher temperature applications which are prevalent today. Due to the high viscosity of oil used in this product, do not recommend this lubricant for moderate to fast moving bearings.

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.

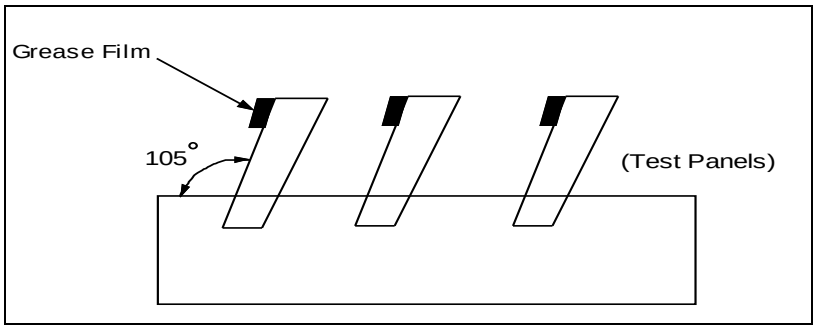
TEMPERATURE TESTS

Laboratory temperature tests were run on LUBRIPLATE High Temp, also a bentone thickened lubricant and a lithium lubricant.

TIME	HIGH TEMP	BENTONE LUBRICANT	LITHIUM LUBRICANT
1 Hour	Color - Normal Texture - Greasy	Color - Slightly Darker Texture - Slightly Dry	Color - Black Texture - Plastic
2 Hours	Color - Normal Texture Greasy	Color - Dark Texture - Plastic	Color - Black Texture - Firm
18 Hours	Color - Dark Brown Texture - Greasy	Color - Black Texture - Hard & Dry	Color - Black Texture - Hard & Dry

The above tests were run at 400°F.

All lubricants were subjected to the same test procedure. A film of grease 1/32” in thickness was applied to a 1-1/2 square space on the test panel. The steel block holding the test panel (as shown in diagram on back) was preheated in the oven to the test temperature. The test panels were placed in the block (as shown in the diagram on back):



After 18 hours of 400°F continuous heat in a static position, the surface of the LUBRIPLATE High Temp was dark brown, but the lubricant was soft and greasy and under the surface had not changed color.

Tests were then run on LUBRIPLATE High Temp as before at 500°F for a period of one hour and ten minutes. The results:

Color	Nearly Black - Surface
	Dark Brown - Under Surface
Texture	Greasy

Typical tests for LUBRIPLATE HIGH TEMP are as follows:

PROPERTY	TEST METHOD	TYPICAL RESULTS*
Type of Thickener		Inorganic Gelling Agent
Worked Penetration @ 77°F	ASTM D-217	265 to 295
NLGI No.		2
ASTM Dropping Point	ASTM D-566	Non-Melt Type (500°F+)
Mineral Oil Viscosity: SUS @ 100°F	ASTM D-2161	2600
SUS @ 210°F	ASTM D-2161	155
cSt @ 40°C	ASTM D-445	497
cSt @ 100°C	ASTM D-445	32
Flash Point	ASTM D-92	580°F/304°C
Color	Visual	Beige

**Values for typical results are for information only and can vary; these are not specifications.*

PACKAGING AVAILABLE	Part No.
Carton, 12/16 oz. Plastic Tubs	L0161-004
Carton, 4/6 lb. Plastic Tubs	L0161-005
35 lb. Pail	L0161-035
120 lb. Quarter Size, Drum	L0161-039
430 lb. Full Size, Drum	L0161-040
Carton, 40/14½ oz. Cartridges	L0161-098

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