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LUBRIPLATE HIGH TEMP

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.

Typical Tests

Type of Thickener	Inorganic Gelling Agent
Worked Penetration @ 77°F	265 to 295
NLGI Grade No.	2
ASTM Dropping Point, °F	Non-Melt Type (500+)
Mineral Oil Viscosity	
SUS @ 100°F	2600
SUS @ 210°F	155
cSt @ 40°C	497
cSt @ 100°C	32
Flash Point	580°F/304°C
Color	Beige

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

The following tests were run at 400°F.

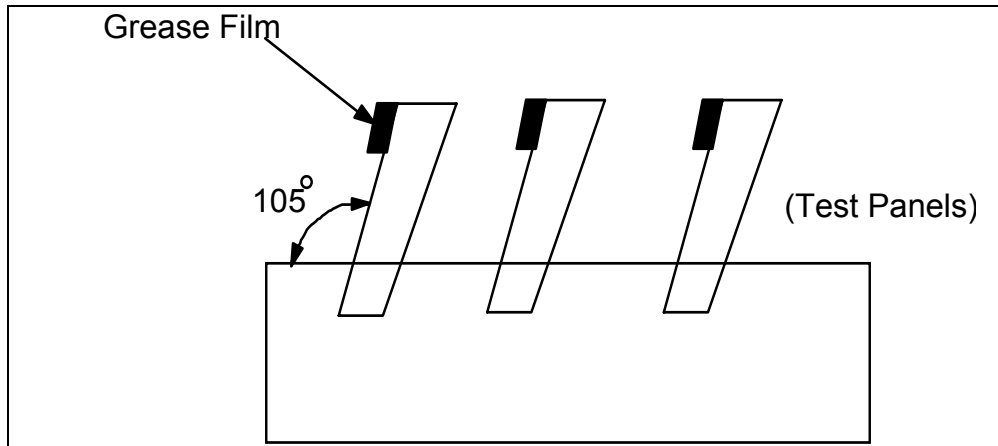
<u>Time</u>	<u>High Temp</u>	<u>Bentone Lubricant</u>	<u>Lithium Lubricant</u>
1 Hour	Color - Normal Texture - Greasy	Color - Slightly Darker Texture - Slightly Dry	Color - Black (small amount of bleed) Texture - Plastic
2 Hours	Color - Normal Texture - Greasy	Color - Dark Texture - Plastic	Color - Black Texture - Firm
18 Hours	Color - Dark Brown Texture - Greasy	Color - Black Texture - Hard & Dry	Color - Black Texture - Hard & Dry

ADVANTAGES

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

(over)

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 below) was preheated in the oven to the test temperature. The test panels were placed in the block as shown in the diagram:



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
Under Surface - Dark Brown

Texture - Greasy

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.

LUBRIPLATE High Temp is available in the following packages:

<u>Packaging Available</u>	<u>Part No.</u>
Carton, 24/14 oz. Cans	L0161-001
Carton, 6/6 lb. Cans	L0161-006
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