



LITHOLINE PLUS 2 EP GREASE

Sinclair Litholine Plus 2 EP Grease is a premium quality lubricant made from high viscosity index base oils and a lithium complex soap thickener system. Because of their outstanding performance properties, they can be used for the lubrication of machinery under heavy loads and high temperatures in a wide range of automotive, industrial, agricultural, mining and construction applications. Sinclair Litholine Plus 2 EP Grease offers excellent protection, performance and service life on most equipment where a No. 2 grade grease is specified. Sinclair Litholine Plus 2 EP grease is certified NLGI GC-LB.



RECOMMENDED USES

Excellent Pump ability for easy use in central lubrication systems. Sinclair Litholine Plus 2 EP Grease can be used to lubricate plain bearings and ball or roller bearings in equipment operating from low to high speeds, and at temperatures ranging from -10°F (-230°C) to 400°F (204°C). Because of its multipurpose nature it can be used in a wide variety of demanding applications, and can often help to simplify inventory when used for plant-wide lubrication. Sinclair Litholine Plus 2 EP Grease is excellent for roller bearings used in electric motors, and in automotive front wheel bearings.

APPLICATION GUIDE

Because of its excellent pump ability, Sinclair Litholine Plus 2 EP Grease lends itself to virtually any method of application. It may be applied by handgun, by brush or swab, or by a centralized lubrication system. When pumping from a drum, best results are obtained with the user of a follower plate.

SELECTION GUIDE

The equipment manufacturer's recommendation for the correct NLGI grade should always be followed.

IMPORTANT CHARACTERISTICS

The Sinclair Litholine Plus 2 EP Grease is manufactured to strict quality control standards, and formulated to provide superior performance properties. They are:

- Broad Operating Temperature Range for multi-purpose use.
- Superior High Temperature Performance to resist heat in demanding applications.
- Outstanding EP and Antiwear Properties to carry heavy loads.
- Excellent Bearing Retention — stays in place to prevent contamination.
- Excellent Mechanical Shear Stability to stay in grade even after severe mechanical working.
- Water Resistance to resist wash off.
- Long Storage Life to reduce long term cost.
- Good Rust Protection to protect bearing surfaces.

COMPATIBILITY WITH OTHER GREASES

Sinclair Litholine Plus 2 EP Grease is compatible with the most popular greases in use today, including aluminum complex, calcium, calcium complex and lithium greases. It is not compatible with barium, bentone or polyurea greases. In all cases, the operator should monitor the lubrication points more frequently following a change in grease type until it is evident that the old grease has been fully replaced.



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TYPICAL PROPERTIES

Product Code	825-000
Test Description	Typical Properties
NLGI Grade	2
Thickener Type	Lithium Complex
Thickener %	7 - 9
Texture	Tacky
Color	Red
Viscosity Index, Minimum	85
Viscosity, SUS @ 100°F	1,000-1,400
Viscosity, cST @ 40°C	200-260
Viscosity, cST @ 100°C	16.5-19.5
Dropping Point °F (°C) Minimum, ASTM D2265	500 (288)
Flash Point, COC, °F, (°C), ASTM D92	435 (224)
Worked Penetration, 77 °F, 60 Strokes ASTM D217	265 - 295
Water Washout Test, % Loss @175 °F	<5.0 Typ
Rust Prevention, Rating, ASTM D1743	Pass
Copper Corrosion, Rating, ASTM D4048	1B
Oxidation Stability, PSI Drop, ASTM D942	5
Oil Separation, Mass %, ASTM D1742	10 Max
Four Ball Wear, mm Scar Diameter, ASTM D2266	0.60 Max
Four Ball EP Weld Point, Minimum, ASTM D2596	250
Four Ball Load Wear Index, kfg, ASTM D2596	45
Timken OK Load, ASTM D2509, LB	70

Description	Pack Size	Part #
Litholine Plus EP 2 Grease	14 oz	825-013

