



LITHOLINE PLUS EP 2 WITH 3% EP GREASE

Sinclair Litholine Plus EP 2 With 3% Moly is a lubricating grease formulated to meet the extreme conditions encountered on off-highway construction equipment as well as heavy duty industrial applications and any other severe operations requiring lubrication. Sinclair Litholine Plus EP 2 With 3% Moly is a Caterpillar 1E2254 lubricating grease specification. This product is a lithium complex thickened grease blended with high viscosity base fluids for exceptional film strength and is fortified with molybdenum disulfide for additional load carrying capacity and anti-wear performance. In addition, Sinclair Litholine Plus EP 2 With 3% Moly contains a unique blend of extreme pressure, anti-wear and rust and oxidation inhibitors as well as functional polymers for better adhesion in wet environments and better performance at higher temperatures. Because it is a lithium complex thickened grease, Sinclair Litholine Plus EP 2 With 3% Moly has a high dropping point which also provides excellent protection in high temperature environments.



FEATURES & BENEFITS

Sinclair Litholine Plus EP 2 With 3% Moly Grease is formulated from premium quality base oil, 3% molybdenum and other additives, and is manufactured to meet strict Sinclair Litholine standards. Important performance features include:

High Film Strength - Maximum resistances to lubricant film rupture due to speed, load and temperature.

High Load Capacity - Effective extreme pressure (EP) additive protection reduces scuffing, scoring, and seizure of bearing and gear surfaces under heavy loads, shock loads, or overloads.

Good Performance at Low and High Temperatures- Can be used from 0 °F to +325 °F

Outstanding Rust and Oxidation Protection - Sinclair Litholine Plus EP 2 With 3% Moly Grease is designed to provide better rust protection and longer oxidation protection than other lithium EP greases.

RECOMMENDED USES

Sinclair Litholine Plus EP 2 With 3% Moly Grease is recommended wherever lithium multi-purpose grease with 3% molybdenum is required for the lubrication of automotive, mining and construction equipment. Some specific applications include: year round chassis lubrication, universal joints, water pumps, and truck fifth wheels. This multi-purpose product can be effectively used to simplify lubrication and reduce lubricant inventory. For example, Sinclair Litholine Plus EP 2 With 3% Moly can be used to lubricate nearly all grease points of underground mining equipment, and can be used in grease fittings and hand packed bearings of transportation equipment. Sinclair Litholine Plus EP 2 With 3% Moly is recommended for lubrication of industrial equipment, in applications such as heavy-duty bearings, plain bearing, and bearing operating under intermittent or shock load conditions.



LITHOLINE PLUS EP 2 WITH 3% EP GREASE

TYPICAL PROPERTIES

Product Code	757-000
NLGI Grade	2
Thickener Type	Lithium Complex
Molybdenum	3%
Thickener %	7 - 9
Texture	Tacky
Color	Grey

BASE OIL CHARACTERISTICS

Penetration, ASTM D217 Wkd 60 Strokes	265-295
Viscosity Index, Minimum	80
Viscosity, SUS @ 100°F	1,715-1,875
Viscosity, cST @ 40°C	327-350
Viscosity, cST @ 100°C	22-24.5
Dropping Point °F, ASTM D2265	500 Min
Flash Point, COC, °F, ASTM D92	500 Min
Water Washout, % Loss ASTM D1264	5 Max
Rust Prevention, Rating, ASTM D1743	Pass
Copper Corrosion, Rating, ASTM D4048	1b Max
Four Ball Wear, mm Scar Diameter, ASTM D2266	0.50
Four Ball EP Weld Point, Minimum, ASTM D2596	400 Min.
LWI	70
Timken OK Load, ASTM D2509, LB	55 Min.
Molybdenum Disulfide, %	3.0 Min

Description	Pack Size	Part #
Litholine Plus EP 2 With 3% Moly Grease	14 oz	757-013

