



# LITHOLINE MULTI-PURPOSE EP 2 GREASE

*Sinclair Litholine Multi-Purpose EP 2 Grease is a tough, long-lasting, multi-purpose lithium 12-hydroxy stearate grease designed for effective and economical lubrication of transportation, mining, and construction equipment. It is formulated with the highest quality base oils available and fortified with rust and oxidation inhibitors as well as extreme pressure additives. Sinclair Litholine Multi-Purpose EP 2 Grease provides high load capacity, pump ability, reversibility, superior water resistance, and outstanding protection against rust and oxidation. Sinclair Litholine Multi-Purpose EP 2 Grease is also recommended as a general purpose lubricant for a wide variety of heavy-duty industrial applications. This product meets NLGI LB performance requirements.*



## FEATURES & BENEFITS

Sinclair Litholine Multi-Purpose EP 2 Grease is formulated from premium quality base oil superior additives, and is manufactured to meet strict Sinclair Litholine standards. Important performance features include:

**High Film Strength** - Maximum resistance 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.

**Outstanding Rust and Oxidation Protection** - Sinclair Litholine Multi-Purpose EP 2 is designed to provide better rust protection and longer oxidation protection than other lithium EP greases.

**Excellent Water Resistance** - Minimizes water washout and corrosion of surfaces when there is water in the system.

**Good Performance at Low and High Temperatures** - Can be used from 0 °F to about 275 °F.

**Excellent Pump ability** - Can be used in central lubrication systems, with all the benefits of bulk handling and storage.

**Excellent Mechanical Stability** - Retains its structure and consistency even after severe mechanical working.

**Excellent Reversibility** - Does not change hardness after repeated heating and cooling cycles.

## RECOMMENDED USES

Sinclair Litholine Multi-Purpose EP 2 Grease is recommended wherever lithium multi-purpose grease is required. 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 Multi-Purpose EP 2 can be used to lubricate nearly all grease points of underground mining equipment, and can be used in the grease fittings and hand-packed bearings of transportation equipment. Sinclair Litholine Multi-Purpose EP 2 Grease is also recommended for the lubrication of industrial equipment, in applications such as heavy-duty bearings, plain bearings, and bearings operating under intermittent or shock load conditions.



# LITHOLINE MULTI-PURPOSE EP 2 GREASE

## TYPICAL PROPERTIES

Product Code	753-000
NLGI Grade	2
Thickener Type	Lithium 12- Hydroxy Stearate
Thickener %	7 - 9
Texture	Smooth, Buttery
Color	Amber

## BASE OIL CHARACTERISTICS

Pour Point , °C (°F), ASTM D97	-26 (-15)
Viscosity Index	49
Viscosity, SUS @ 100°F	765
Viscosity, cST @ 40°C	143
Viscosity, cST @ 100°C	11.4
Dropping Point °F ASTM D2265	350
Water % (wgt)	Nil
Worked Penetration, 77 °F, 60 Strokes ASTM D217	265 - 295
Unworked Penetration, 77 °F, 60 Strokes ASTM D217	265-295
Water Washout, ASTM D1264	Less than 15%

Description	Pack Size	Part #
Litholine Multi-Purpose EP 2 Grease	14 oz	753-013
Litholine Multi-Purpose EP 2 Grease	35 lb	753-012
Litholine Multi-Purpose EP 2 Grease	120 lb	753-011
Litholine Multi-Purpose EP 2 Grease	400 lb	753-010

