

# FINARAIL GREASE



GREASE



TOTAL

## Railroad curve grease with moly

### APPLICATIONS

Railroad,  
Agricultural  
and industrial uses

- **FINARAIL GREASE** is 12-hydroxyl lithium stearate soap grease compounded with 3% molybdenum disulfide reduces the friction and subsequent wear between the wheel flanges and rails as a train moves along a curved and tangent track. The ability of the grease to adhere to wheel flanges increases the useful life the rails and the wheel flanges and increases gauge. The lubricant permits the train to use less fuel by reducing the high wheel flange-rail frictional forces. This number one grade grease can be either used as an "on-board" lubricant system or trackside lubricant.
- It is compounded from selected base oils, a lithium soap thickener, and select additives including molybdenum disulfide ("moly") for extra protection.
- **FINARAIL GREASE** may also be used as general multi-service (MS) grease requiring 3% moly content.

### SPECIFICATIONS

ISO 6743-9: L-XBEHB-1  
DIN 51502: KPF1P-20

### ADVANTAGES

Good lubricant film and  
weathering resistance

- Reduced wear on railroad flanges and rails
- High viscosity base fluid with good lubricity for general purpose lubrication
- Anti-oxidation and anti-corrosion/anti-rust properties.
- Good water resistance

TYPICAL CHARACTERISTICS FINARAIL GREASE #1	
NLGI Grade	1
Appearance,	Smooth, grey grease
Thickener Type,	Lithium
Penetration Worked, 60x (ASTM D 217)	325
Dropping Point, °F (°C) (ASTM D 2265)	350 (176)
Timken OK Load, lbs (ASTM D-2509)	40
Four Ball EP (ASTM D-2596) Weld Point, kg	250
Load Wear Index, kg	45
Base oil viscosity @ 40°C, cSt (ASTM D 445)	150
Operating Range, °F	-5 to 280

TOTAL Lubricants USA Southwest

TOTAL Lubricants USA, Inc.

400 Chisholm Place, Suite 418,  
Plano, Texas 75075  
800-442-5823 or 469-241-0950  
[www.finalube.com](http://www.finalube.com)

**Finarail Grease #1**  
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5 North Stiles Street  
Linden, NJ 07036  
908.862.9300 or 800.526.4127  
[www.total-us.com](http://www.total-us.com)