Mobil

Galena Moly EP

Mobil Industrial , Canada

Premium Quality Rail Curve Lubricant

Product Description

Galena Moly EP grease is recommended for use as a rail curve lubricant, particularly in applications where high traffic density, heavy trains and long curves make conventional greases inadequate.

Galena Moly EP grease is formulated with a calcium soap grease containing a low viscosity oil. This naturally low pour point oil was selected to provide satisfactory performance and pumpability for Canadian weather conditions throughout the year. In addition to synthetic graphite, it contains molybdenum disulphide, a solid lubricant for improved load-carrying characteristics. It also contains an effective antiwear additive which provides the high level of extreme pressure properties shown by the typical Timken Test OK load of 20 kg. It resists water washout and has the excellent carry and spread characteristics needed for long curves.

Features and Potential Benefits

Galena Moly EP grease is a rail curve grease that has been used for many years to reduce the rail and wheel wear which occurs on sharp rail curves. It offers the following features and benefits:

- Pumpable over a wide temperature range.
- Resistant to water wash out.
- Excellent carry and spread performance.
- Provides a long lasting film of lubricant.

Typical Properties

Property	
Grade	NLGI 1
Appearance, Visual	Smooth, buttery
Base Oil Viscosity of Greases @ 40 C, mm2/s, AMS 1697	19.8
Color, Visual	Dark Grey
Dropping Point, °C, ASTM D2265	147
Graphite, wt %, CALCULATED	11.5
Mineral oil content, wt %, CALCULATED	72.7
Molybdenum Disulfide Content, wt %, CALCULATED	2.5
Penetration, 60X, 0.1 mm, ASTM D217	330
Thickener Content, wt %, CALCULATED	11
Timken OK Load, lb, ASTM D2509	20
US Steel Mobility @ 150 psi (-34C), g/sec, USS Method-S75M	1.8

Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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