



## 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

Galena Moly	EP
NLGI Grade	1
Color	Dark Grey
Texture	Smooth Buttery
Penetration, worked @ 25° C	330
Dropping Point, °C	89
Timken Test, OK Load, kg	20
Low Temp. Mobility, g/s @ -34° C	1.8
Calcium soap, %	11.0
Graphite, %	11.5
Molybdenum Disulphide, %	2.5
Mineral Oil , %	72.7
Viscosity, cSt @ 40° C	19.8
Pour point, °C	<-36

These values represent current productions and all will vary within modest ranges. Some are controlled by manufacturing specifications while others are not.

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contact office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com)

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