

Petronas Grease Li EP 1 MRF

Rail and Wheel Flange Grease



Special Application



Extreme Pressure



Water Resistant



Corrosion Protection

Description

Petronas Grease Li EP 1 MRF is a lithium thickened lubricating grease based on mineral oil that is polymer enhanced. The grease contains antioxidants, corrosion inhibitors, EP/AW additives and 3% molybdenum disulphide

Product is a high quality lubricating moly grease, offering good mechanical stability, load carrying capacity and corrosion protection. The polymer enhancement makes it suitable for use in wet environments and resist water once applied.

Applications

Petronas Grease Li EP 1 MRF is a superior grease lubricant designed to meet stringent specifications both on track and wheel flanges. Provides excellent lubrication performance and maximum wear protection, ensures quiet operation and extended service periods.

Applicable at a wide temperature range, even when subject to high loads and shocks, wet environment and vibrations.

Continuous operating temperature range from

- -30°C to +110°C
- Short term exposure up to 120°C

Features & Benefits

- Excellent rail adhesion and water resistance
- Provides a long lasting lubricant film
- Pumpable over a wide temperature range
- Outstanding rust protection
- Long Service Life
- Compatible with most grease thickener types
- Long Service Life
- Noise reduction in tight curves

Product Data Sheet

Effective Date 01.01.2015 Version 1.0

PETRONAS
High Performance Grease



Typical Properties

	Test Method	Unit	Petronas Grease Li EP 1 MRF
NLGI Grade	ASTM D217		1
Thickener Type			Lithium
Colour	Visual		Dark grey
Penetration, @ 25°C Worked	ASTM D217	0.1 mm	311
Dropping Point	IP 396	°C	187
Base Oil Type			Mineral/Polymer
Viscosity of Base Oil @ 40°C	ASTM D445	cSt	300
4-Ball Weld Load	DIN 51350:4	N	2600
Flow Pressure @ -35°C	DIN 51805	mbar	975
Water Wash Out @ 79°C	ASTM D1264	%	6

Product Pack Info

- Petronas Grease Li EP 1 MRF

Material code : 19873

Health & 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 contract 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.