

## Product Data Sheet

### Product Description

Petron MV EP 1 Moly Grease is designed for use in applications where Moly grease is recommended by an OEM, or is preferred when additional protection is needed. Petron MV EP 1 Moly Grease is designed to extend bearing service life in heavy-duty applications where loads are high, RPM is moderate, and elevated operating temperatures may be a factor. Petron MV EP 1 Moly Grease is designed for industries where bearings are subject to contamination from dirt or manufacturing residue such as wood chips, slag, grinding dust, or airborne contaminants. Typical industrial users are steel, mining, cement, power generation, forest products, paper, and agriculture. Typical uses are heavy duty applications and construction equipment.

### Features & Benefits

- Exceptional film strength provided through Lithium Complex thickener.
- Dropping point in excess of 500°F to perform at extended elevated operating temperatures.
- Four Ball EP Weld Load in excess of 315 kg to withstand continual heavy loads.
- Addition of Moly and EP additives to reduce metal-to-metal contact under extreme conditions and shock loading.
- Contains a unique blend of additives for outstanding performance at higher temperatures and better adhesion in wet environments.
- Superior resistance to rust and corrosion.
- Environmentally friendly.

### Product Application

Petron MV EP 1 Moly Grease can be applied through all automatic lubrication equipment or manually through a hand held grease gun.

Petron MV EP 1 Moly Grease is available in pails, kegs, drums and bin tanks.

### Notes

Petron MV EP 1 Moly Grease is designed to extend component service life while reducing lubricant consumption in all applications. If in doubt regarding the volume and/or frequency of lubricant to a specific lube point, contact a Petron Service Representative @ 1-800-757-5796.

If you require further information contact Petron at:  
[info@petroncorp.com](mailto:info@petroncorp.com)

## Petron MV EP 1 Moly Grease

Property	Test Method	Petron MV EP 1 Moly Grease
NLGI GRADE		1
Thickener		Lithium Complex
Dropping Point	ASTM D-2265	500°F (260°C)
Penetration, Worked 60 strokes	ASTM D-217	310 - 340
Base Oil Viscosity, cSt @ 40°C	ASTM D-445	140 - 180
Base Oil Viscosity, cSt @ 100°C	ASTM D-445	13.5 – 16.5
Water Wash-out	ASTM D-1264	10% Maximum Loss
Rust Test	ASTM D-1743	Pass
Timken OK Load, LB	ASTM D-2509	50
Four Ball EP Test, weld point, kg	ASTM D-2596	315
Four Ball Wear Scar Diameter	ASTM D-2266	0.6 mm
Copper Strip Corrosion	ASTM D-4048	1b

**IMPORTANT:** Before using Petron MV EP 1 Moly Grease, always be sure to read and follow precautions and directions appearing on the product container.

This information is provided in good faith, but no warranty, express or implied, is given or to be inferred. The final determination of the suitability of the product for an application is the user's sole responsibility.