

SPX POWERTAC M5 EP

LITHIUM COMPLEX EXTREME PRESSURE GREASE WITH 5% MOLY

SPX Powertac M5 EP Grease is a versatile grease fortified with molybdenum and synthetic polymers to produce anti-wear technology designed for heavily loaded plain bearings and anti-friction applications operating under normal to adverse conditions. The lithium complex thickener provides a tacky, shear stable long life cohesive grease with rust and corrosion protection. Formulated with high viscosity base oils and a structurally modified thickener that resists pound out and water washout under extreme conditions. The 5% moly (molybdenum disulfide) is the correct size and distribution for added boundary lubrication and friction reduction at high temperatures and heavy loads. SPX Powertac M5 EP Grease is engineered specifically for heavily loaded bushings, ball and roller bearings, along with heavy-duty bearings operating in hostile mining environments for general chassis lubrication of off-highway equipment including haul trucks, loaders, dozers and other mobile equipment.

Advantages

- Low oil bleed
- Excellent water resistance
- High quality extreme pressure/anti-wear properties
- Outstanding shear stability
- Hydrodynamic lubrication properties
- Enhanced rust & corrosion inhibition
- Good low temperature pumpability

Applications

- Centralized grease systems
- Bucket Pins
- Swing Arms
- Plain Bearings
- Fifth Wheels
- Chassis Points
- Anti-Friction Bearings
- Turn Tables
- Plain Bearings
- Conveyors
- Couplings



Industrial



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Page: 1 of 2

Date: 07.26.21

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TYPICAL PROPERTIES

NLGI	1	2
Thickener Type	Lithium Complex	Lithium Complex
Molybdenum Disulfide content, %	5	5
Color	Gray	Gray
Texture	Smooth	Smooth
Penetration @ 25°C (77°F), Worked 60 strokes, ASTM D217	310-340	265-295
Dropping Point, °C (°F), ASTM D2265	>260°C (500°F)	>260°C (500°F)
Four Ball EP, Weld Load, kg, ASTM D2596	500	500
Four Ball Wear Scar, mm, ASTM D2266	0.50	0.50
Four Ball Load Wear Index (LWI), kg, ASTM D2596	68	68
Rust Prevention, ASTM D1743	Pass	Pass
Copper Corrosion, ASTM D4048	1b	1b
Water Washout @ 80°C, %, ASTM D1264	1.00	1.00
Viscosity, ASTM D445		
cSt @ 40°C	320	320

Minor variations in typical properties data are to be expected in normal manufacturing.

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet (SDS).



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Page: 2 of 2

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