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Naperville, IL 60564
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Power-Lift Grease PL-10™

Product Data Sheet

General Information

- Extreme-pressure, anti-wear, multi-purpose lithium-complex grease
- Continuous operating range: 0°F to 450°F (- 17°C to 232°C)
- Typical dropping point: 525°F+ (273°C+)
- NLGI #2 (other grades may be available on request)
- Contains **Muscle Metal Treatment MT-10®** technology for increased lubricity & boundary film lubrication
- Treats, seals & protects metal surfaces for reduced friction & wear

Typical Applications

- Bearings
- Disc brake wheel bearings
- Universal joints
- CV joints
- Chassis fittings
- Axles
- Conveyors
- Pumps
- Firearms
- Fishing reels & tackle
- Sports equipment
- Any other industrial, automotive or commercial area of lubrication that requires an extreme-pressure, anti-wear grease

Key Features & Benefits

- Provides extreme-pressure protection under all lubrication conditions
- Lowers operating temperatures
- Protects from friction-related heat & wear
- Protects against rust & corrosion
- Extends equipment life
- Reduces maintenance, downtime & related expenses
- Excellent water washout & spray off resistance

Container Availability

- 14-oz. cartridge (396 g)
- 1-oz, 1-lb & 4.5-lb tubs (28 g, 453 g & 2 kg)
- 35-lb, 120-lb & 400-lb drums (15.8 kg, 54 kg & 181 kg)
- Transportable tank & other bulk containers upon request

Typical Properties *(Not specifications)*

Appearance	Cream, smooth/tacky semi-solid
Odor	Bland
NLGI Grade	2
Thickener type	Lithium
Soap type	Lithium Complex
Antirust corrosion inhibitor	Yes
Corrosion test	Pass
Base oil viscosity @ 40°C, SUS	775 - 825
@ 100°C, SUS	75 - 85
Cone penetration @ 77°F, 60 strokes	265-295
100,000 strokes	+10%
Dropping point	> 525°F (> 273°C)
Pour point	0°F (- 17.8°C)
Density @ 20°C, g/cm^3	1.0216
Lbs per gal (U.S.)	~ 8.525
Flash point	> 437°F (> 225°C)
Fire point	580°F (304°C)
Roll stability	+/- 6
Oxidation PSI @ 100 hr., 500 hr	5, 10
Timken OK Load, lbs	60
Shear stability	< 10%
Wheel bearing, % loss	0 - 1
Four-ball weld point, kg	1000
Four-ball wear, mm	0.56
Water resistant	Yes
Water washout @ 170°F	3 - 8
Mobility, g/min 0°C, 20°C	3, 35
Solubility in water	Negligible

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