



PL-10™ Power-Lift Grease

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)
- Dropping point: 530°F+ (276°C+)
- NLGI #2 (other grades may be available on request)
- Contains Muscle **MT-10™ Metal Treatment** 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

Availability

- 14-oz. cartridge (0.4 kg)
- 1-oz., 16-oz. & 72-oz. tubs (28 g, 0.45 kg & 2 kg)
- 35-lb., 120-lb. & 400-lb. drums (15.9 kg, 54 kg & 181 kg)
- Transportable tank & other bulk containers upon request

Typical Properties

NLGI Grade	2
Cone Penetration @ 77°F, worked 60 strokes	265-295
100,000 strokes	+10%
Thickener Type	Lithium complex
Thickener Content	8 - 12%
Base Oil Viscosity @ 40°C, SUS	775 - 825
Base Oil Viscosity @ 100°C, SUS	75 - 85
Viscosity Index	95
Corrosion Test	Pass
Freezing Point	Not established
Dropping Point	530°F+ (276°C)
Melting Point	500°F (260°C)
Boiling Point	700°F (371°C)
Flash Point	475°F (246°C)
Fire Point	580°F (304°C)
Specific Gravity @ 60°F, g/cm ³	0.86
Roll Stability	+/- 6
Oxidation PSI @ 100 hr, 500 hr.	5, 10
Timken OK Load, Lbs. Min.	60
Shear Stability	< 10%
Wheel Bearing, % Loss	0 - 1
Four Ball EP Weld, Load kgf	500
Four Ball EP Test, LWI	75
Water Resistant	Yes
Water Washout @ 170°F (77°C)	3 - 8
Mobility, g/min 0°C, 20°C	3, 35
Odor	Bland
Color & Appearance.....	Cream, smooth/tacky semi-solid
Solubility in Water	Negligible

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