



TOP 1 OIL PRODUCTS COMPANY

PRODUCT DATA SHEET

SYNTHETIC HI-TEMP GREASE

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DESCRIPTION

TOP 1 SYNTHETIC HI-TEMP GREASE combines excellent multi-purpose properties with a high dropping point, giving the grease application over a wide temperature range. Formulated with synthetic base oils, TOP 1 HI-TEMP SYNTHETIC GREASE provides excellent protection, durability and performance in extreme conditions to lubricate a wide variety of equipment in the automotive, agriculture, marine, construction and mining industries.

Applications include automotive wheel bearings, automotive chassis, conveyor bearings, backhoe hinge pins, and bearings subject to shock loads.

FEATURES AND ADVANTAGES

- Premium quality synthetic lithium complex grease
- EP/Anti-wear additives + corrosion/oxidation inhibitors provide excellent protection and minimize wear under severe conditions to extend grease life
- NLGI GC-LB rated for use as a lubricant for the drive shaft, chassis, and wheel bearings
- Highly water washout resistant and water insoluble
- Extremely stable lithium complex formula retains its consistency, even under high temperature and high load conditions

TYPICAL SPECS

GRADE, NLGI	ASTM TEST	2
Thickener		Lithium Complex
Texture		Smooth, Tacky
Color, Observed		Blue
Viscosity: cSt @ 40°C		538
Worked 60 Penetration	D-217	265-295
Dropping Point, °C	D-2265	>260
Wheel Bearing Leakage, rating	D-4290	Pass
Water Washout, % loss	D-1264	2.5 @ 80°C
Rust Prevention, rating	D-1743	Pass
Timken OK Load, lb.	D-2509	80
Four-Ball EP Weld Point, kgf	D-2596	315
Approximate Temperature Range, °C		-23 to 163
NLGI Classification		GC-LB
Product Number:		
24x1 lb		10620
50x14 oz		10621
25x15 g		10622
6x4 lb		10624
35 lb pail		10625
400 lb drum		10627

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

100 N. El Camino Real, San Mateo, CA 94401, Tel: 650.347.3691 Fax: 650.340.8739 www.top1oil.com



MP3 Multi-Purpose Grease

DESCRIPTION

MP3 Multi-Purpose Grease is a premium, heavy duty, EP multi-purpose lithium complex grease fortified with anti-wear agents, tackiness additives, high viscosity base oils plus rust and oxidation inhibitors. This grease is designed to “**stay-in-place and lubricate**” under the most severe operating conditions found in industrial and automotive service. It is unsurpassed in resisting water wash out and protecting against wear in shock loading applications. **MP3 Multi-Purpose Grease** is designed to lubricate under the most severe conditions of water-dirt-mud.

FEATURES AND ADVANTAGES

- Recommended for wheel bearings, disc brake applications, fifth wheel, u-joints, steering linkage, and chassis lubrication.
- An ideal chassis lubricant for “**on & off road**” equipment in agriculture, construction, logging, trucking and mining service where severe water washing or shock loading protection is needed.
- Outstanding wide temperature range grease (- 40° F. to 400°F. operating temperatures).
- Outstanding water washout resistance.
- Resists bearing leakage at higher temperatures.
- Excellent shock load-carrying ability.
- Recommended for rock crushers, sand and gravel screens, oil field equipment, off-shore drilling equipment and marine deck equipment.
- Recommended for industrial plain bearings and anti-friction bearings operating under shock-loads or wet and dirty conditions.
- Rust and corrosion inhibited to protect metal surfaces.
- Excellent **EP** (extreme pressure) protections against high loads and wear – exceeds **70 pound Timken Ok Load**.
- **Wheel bearing and chassis applications**

TYPICAL SPECS

GRADE, NLGI	ASTM TEST	# 3
Penetration @ 77°F (Worked).	ASTM D 217	235
Dropping Point °F.	ASTM D 2265	500
Base Oil Viscosity:		
cSt. @ 40°C.	ASTM D 445	150
cSt. @ 100°C.	ASTM D 445	11.3
Timken OK Load, Lb		70
4 Ball Wear Test,	ASTM D 2266	0.56 mm
40kg 1200 rpm, 75° C. 1 hr		
4 Ball Weld Load, kg	ASTM D 2596	315
Soap Type		Lithium Complex
Color		Red
Appearance		Smooth and tack
Rust Test,	ASTM D 1743	Pass
Corrosion Test,	ASTM D 4048	Pass
Product Number:		
24x1lbs		10630

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