

PRODUCT DATA SHEET



Maratech Premium Blue EP

Product Description

Marathon Maratech Premium Blue Extreme Pressure (EP) is an NGLI #2, GC-LB grease designed for the toughest conditions. Utilizing the latest in calcium-sulfonate technology, it provides reliable lubrication and protection where other greases fail. Maratech can withstand severe duty, high temperatures, and frequent stop and go service necessary for wheel bearings in extreme use. Maratech can also endure high loads, water exposure, and infrequent lubrication for chassis in severe use.

Features

- **Superior Protection in Extreme Hot & Cold Environments**
Operating temperature -10°F to 400°F, and 550°F dropping point
- **Outstanding Water Resistance**
Subjected to harsh, corrosive saltwater tests and still provided effective washout control
- **Calcium-Sulfonate Technology**
Provides high dropping point and superior wash-out protection
- **Shear Stability & High-Load Carrying**
Exceptional application properties resist drip-out when operating equipment
- **Combats Rust & Corrosion**
Fights rust & corrosion, even in humid & water-ingress conditions

Applications

- Automotive
- Agricultural
- Commercial
- Industrial
- Mining
- Logging
- Hauling
- High-Speed Bearings
- Centralized Lubrication

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Technical Data (typical values)

NLGI Grade	Method	2
Product Numbers	1677 (400 # drum), 1678 (120 # keg), 1679 (35# pail), 1680 (40/14 oz)	
Penetration, mm/10 Worked 60 Strokes	ASTM D217	275
Dropping Point, °F (°C)	ASTM D566 or D2265	550 (288)
Thickener Type		CalSulX
Color	Visual	Blue
Base Oil Viscosity, Kinematic cSt @ 40°C	D445	220
4-Ball EP Performance Weld Point, kgf	ASTM D2596	620
Timken, OK Load, lb	ASTM D2509	70
4-Ball Wear, Scar Diameter, mm	ASTM D2266	0.56
Bearing Rust Protection, Rating	ASTM D1743	Pass
Wheel Bearing Life, hours	ASTM D3527	180
Water Spray-off, %	ASTM D4049	60.5
Water Washout at 175°F (79°C), % loss	ASTM D1264	0.75
Fretting Protection, Mass Loss, mg	ASTM D4170	4.8
Leakage Tendencies, g	ASTM D4290	0.43
Low Temperature Torque, at -40C, Nm	ASTM D4693	5.1
Flow Properties 0°/-20°/-40°C	DIN 51805	148/470/1945
Elastomer Compatibility	ASTM D4289	
NBR-L		
Volume Change, %		5.71
Hardness Change, Durometer-A points		-5
CR		
Volume Change, %		14.54
Hardness Change, Durometer-A points		-7

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