



Product Bulletin

MULTI-PURPOSE EP #2 LITHIUM GREASE

BRAD PENN® Multi-Purpose EP #2 Lithium Grease is a general purpose, EP (extreme pressure), lithium soap-thickened grease. It is designed to perform in a wide variety of applications requiring a grease with EP properties and good load-carrying capacity. It meets the requirements of Mack GC-G and ASTM D-4950 LB for use as an automotive chassis lubricant.

BRAD PENN® Multi-Purpose EP #2 Lithium Grease provides high and low temperature protection ranging from -10°F to 300°F in continuous operation. This product exhibits excellent shear stability and provides superior resistance to rust and oxidation. This grease is an excellent choice for on- and off- road equipment, manufacturing, agriculture, mining, marine, forestry, and general purpose applications.

BRAD PENN® Multi-Purpose EP #2 Lithium Grease is recommended for the lubrication of automotive and fleet chassis points, non disc brake wheel bearings, roller and needle bearings, central lubrication systems, and general plant lubrication. This grease is **not** recommended for use in wheel bearings on vehicles with disc brakes. **BRAD PENN® High Temperature EP #2 Blue Lithium Complex Grease** is recommended for this application.



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BRAD PENN[®]
Multi-Purpose EP #2 Lithium Grease – Typical Properties

NLGI Grade	Test Method	2
Appearance	Visual	Smooth
Color	Visual	Dark Brown
Thickener Type (soap)	ASTM D-128	Lithium 12-Hydroxy
Thickener Content, wt. %	ASTM D-128	7.5
Dropping Point, °F (°C)	ASTM D-2265	360 (182)
Base Oil Viscosity, cSt @ 40°C	ASTM D-445	170
Base Oil Viscosity, cSt @ 100°C	ASTM D-445	15.4
Viscosity Index (min)	ASTM D-2270	80
Cone Penetration @ 77°F Worked, 60X Worked, 10,000X, % Change	ASTM D-217	280 ±10
Oil Separation, %	ASTM D-1742	6
Water Washout, wt. % loss @ 175°F	ASTM D-1264	8
Rust Prevention, rating	ASTM D-1743	Pass
Four-Ball Wear Test, mm (max)	ASTM D-2266	0.6
Four-Ball Weld Point, kgf (min)	ASTM D-2596	200
Timken OK Load, lbs	ASTM D-2509	35
Operating Temperature Ranges: Minimum, °F (°C) Maximum Continuous Service, °F (°C)		-10 (-23) 300 (149)
Product Code		7819