



Product Bulletin

HIGH TEMPERATURE EP #2 BLUE LITHIUM COMPLEX GREASE

BRAD PENN[®] High Temperature EP #2 Blue Lithium Complex Grease is a multipurpose, NLGI #2 GC-LB lithium complex grease designed for a wide range of industrial and automotive applications. It combines good high temperature performance with excellent EP (extreme pressure) properties. It provides good water resistance, excellent oxidation stability, exceptional rust protection, and resistance to chemical breakdown.

BRAD PENN[®] High Temperature EP #2 Blue Lithium Complex Grease provides outstanding high and low temperature protection ranging from 0°F to 425°F in continuous operation. With its high thermal stability, this product withstands the high temperatures generated during severe braking with disc brakes and provides trouble-free lubrication over extended periods. This product has a blue color for easy identification.

BRAD PENN[®] High Temperature EP #2 Blue Lithium Complex Grease meets the NLGI GC-LB requirements for wheel bearing and chassis lubrication. It is recommended for all types of automotive and industrial bearings, gears, and couplings where a general purpose, water resistant EP grease is applicable, as well as applications specifying ASTM D-4950 GC-LB performance.



AMERICAN REFINING GROUP, INC.

77 North Kendall Avenue • Bradford, Pennsylvania • 16701
Phone: 814.368.1200 • Fax 814.368.1219 • www.amref.com • ISO 9001:2008

BRAD PENN[®]
High Temperature EP #2 Blue Lithium Complex Grease – Typical Properties

NLGI Grade	Test Method	2
Appearance	Visual	Smooth
Color	Visual	Blue
Thickener Type (soap)	ASTM D-128	Lithium Complex
Thickener Content, wt. %	ASTM D-128	10.0
Dropping Point, °F (°C)	ASTM D-2265	500 (260)
Base Oil Viscosity, cSt @ 40°C	ASTM D-445	137
Base Oil Viscosity, cSt @ 100°C	ASTM D-445	14.0
Viscosity Index (min)	ASTM D-2270	90
Cone Penetration @ 77°F Worked, 60X Worked, 10,000X, % Change	ASTM D-217	280 ±10
Oil Separation, % (max)	ASTM D-1742	10
Water Washout, wt. % loss @ 175°F	ASTM D-1264	8
Rust Prevention, rating	ASTM D-1743	Pass
Bomb Oxidation after 100hrs, psi drop	ASTM D-942	6
Four-Ball Wear Test, mm (max)	ASTM D-2266	0.6
Four-Ball Weld Point, kgf (min)	ASTM D-2596	250
Timken OK Load, lbs	ASTM D-2509	40
Operating Temperature Ranges: Minimum, °F (°C) Maximum Continuous Service, °F (°C)		0 (-18) 425 (218)
Product Code		7867