



FYH[®] Lithium Bearing Grease

**HIGH LOAD
EXTREME PRESSURE
WATER RESISTANT
ORIGINAL GREASE**

**Improved Formula for
All FYH Ball Bearing Units**





FYH®

Lithium Bearing Grease

Made in U.S.A.



FYH Lithium Bearing Grease is an NLGI 2 lithium complex grease that provides substantial improvements over general purpose lithium soap based lubricants. It functions extremely well under a variety of highly demanding operating conditions including wide temperature ranges, variable speeds, water contamination, vibration, heavy loads, and shock loads. In addition to its high quality base oils, it contains oxidation inhibitors and extreme pressure additives which are both crucial to maintaining a high degree of protection where high loading and moisture and chemicals are present.

FYH Lithium Bearing Grease exhibits excellent water wash-out resistance, and extensive testing has proven this lubricant to be successful where such challenging conditions exist. Due to its compatibility with the existing formula, not only can the new and improved formulation enhance operating characteristics, it can also extend the useful life of units that are currently in operation.

Technical data

NLGI Grade	2	Water Washout, ASTM D 1264, % Loss @ 175°F (79°C)	< 5
Soap Type	Lithium Complex	Grease Mobility, USS, g/Min. (150 psi, 0°F, #1 Orifice)	6.88
Color	Green	Four Ball Wear, ASTM D 2266, mm Scar Dia. Max.	0.60
Appearance	Smooth	Four Ball EP Weld Point, ASTM D 2596, Min.	250
Penetration, ASTM D 217		Timken EP Test, ASTM D 2509, OK load	50 lbs. (22.7 kg)
Worked 60 Strokes	265-295	Mineral Oil, ASTM D 445	
Worked 100,000 Strokes	2	Viscosity at 210°F (100°C), SUS	60 - 80
(Change in Pen) %		Viscosity at 100°F (38°C), SUS	700 - 900
Roll Stability, ASTM D 1831, % Change (2 Hrs. 77°F (25°C))	< 5	Rust Test, ASTM D 1743, 100 Hrs., 100°F (38°C)	Pass
Dropping Point, ASTM D 2265, Min.	500°F (260°C)	Operating Temperature Range	-20°C - 160°C (-4°F - 320°F)
Oxidation Stability, ASTM D 942, psi Loss (100 Hrs. 210°F (100°C))	< 10		

SHIPPING-AVAILABILITY

FYH Lithium Bearing Grease is available in 14 oz. (397 g) cartridges, 35 pound (16 kg) pails, 120 pound (54 kg) kegs, 400 pound (181 kg) drums.

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