

Silver 70
Multi-Purpose Grease
No. 103

NLGI #1 & 2

DESCRIPTION:

Silver 70 Multi-Purpose Grease is an extremely tacky, long-life adhesive/cohesive grease designed with a 70 pound Timken OK Load Rating and a drop point of 550⁰ F+. It contains Teflon[®] and a unique blend of organic and mineral moly that provides extreme anti-wear protection far beyond that of conventional greases. **Silver 70** will resist pounding out or water wash out under extreme conditions. The latest technology in additives, combined with high viscosity index hydroprocessed group II base oils, allow **Silver 70** to give extended protection against corrosion and wear and provide extreme acid and chemical resistance.

TYPICAL OPERATING CONDITIONS:

Silver 70 is specially formulated to provide maximum, long lasting protection to bearings, bushings, sliding surfaces and other areas exposed to severe conditions of pounding, moisture contamination, or heavy loads. **Silver 70** is excellent in applications where there is a need to provide extended component life while reducing excessive grease consumption.

FEATURES:

Silver 70 is a special high drop point lithium-complex grease formulated with High Viscosity Index Hydroprocessed base oil compounded with specialized additives including:

Organically Synthesized Moly	Extreme Pressure Additives
Mineral Moly	Stabilizing Agents
Teflon [®]	Oxidation Inhibitors
Anti-Wear Agents	Rust and Corrosion Inhibitors
Adhesive/Cohesive Additives	

TYPICAL APPLICATIONS:

Anti-Friction Bearings	Plain Bearings
Fifth Wheels	Chassis Points
King Pins	Bucket Pins
Sliding Surfaces	Disc Brakes
Electric Motors	Conveyors
Couplings	Small Open Gears
Automatic Lube Systems	

And many other areas requiring the use of a superior, extreme pressure grease for extended service.

PERFORMANCE CHARACTERISTICS:

Silver 70 will provide superior, long lasting protection against:

Extreme pressure	Water washout
Elevated temperatures	Acid contamination
Rust and oxidation	Corrosion
High temperature oil volatilization	Channeling due to cold temperatures

TYPICAL SPECIFICATIONS:

NLGI Grade	Test Method	#1	#2
Penetration, 60 Strokes		325	265
Penetration, 60,000 Strokes		332	268
Drop Point, °F, min.	ASTM D-2265	550+	550+
Timken OK Load, Lbs. min.	ASTM D-2509	70	70
Four-Ball EP Weld Point (kg):	ASTM D-2596	800+	800+
Four-Ball High Load Film Endurance (Modified) (kg):	ASTM D-2266	350	350
Four-Ball Wear Scar (mm) 40 KG, 1 hour @ 167° F	ASTM D-2266	0.44	0.44
Rust Prevention	ASTM D-1743	Pass	Pass
Water Washout, % loss, Max. @ 175°F	ASTM D-1264	2.0	2.0
Base Oil Viscosity: @ 100°F, Sus @ 210°F, Sus @ 100°C, cSt @ 40°C, cSt	ASTM D-445	2000 165 35.0 450	2000 165 35.0 450
Viscosity Index	ASTM D-2270	115	115

Values shown here are typical, and may vary.

PERFORMANCE PRODUCTS GUARANTEED

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