



product data

Cougar 00 Grease

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Cougar 00 Grease is a NLGI-00 high viscosity base oil grease designed to lubricate heavily loaded open gears, screw type actuators, and low to moderate velocity bushings and plain and rolling element bearings equipped with centralized or sump type lubrications systems.

Cougar 00 Grease is free of lead, chlorinated solvents, and barium and contains no solvents or diluents, and meets the TCLP (Toxicity Characteristic Leaching Procedure).

This product is formulated to be readily pumpable and slumpable for good lubricant distribution in enclosed and semi-enclosed applications, and drainable for ease of removal from surrounding guards. This product is also specifically formulated to flush contaminants from gear and pinion flanks, and to resist accumulation in the roots of gear teeth.

Cougar 00 Grease contains a high viscosity base fluid especially designed to provide extreme pressure (EP) and anti-wear characteristics to the lubricant and contains lubricating solids in combination with chemical EP additives. These react synergistically under boundary lubrication conditions to provide outstanding protection to metal surfaces.

Cougar 00 Grease is recommended for use in applications requiring anti-scuff and anti-wear protection, and where no product build up is desired. It is also suited for units containing bushings, bearings and/or gears where ISO 1500, 3000 or 6000 viscosity grade lubricant is required, but straight fluid lubricants leak out.

Typical Characteristics;

Grade	NLGI 00
Thickener	Non-Soap, Inorganic
Film Appearance	Dark and Opaque
Unworked Penetration, ASTM D217	400-430
Base Fluid Properties:	
ISO Viscosity Grade, ASTM D2422	6000
Specific Gravity, ASTM D1298 @ 15.6°C/60°F	0.937-0.947
Viscosity:	
@ 40°C, mm ² /s (cSt)	5943
@ 100°C, mm ² /s (cSt)	145
Flash Point, ASTM D92, COC, °C/°F	232/450
Brookfield Viscosity, Pa s (cp) Spindle No. 7, 10 rpm @ 77°F/25°C	48,000
Copper Corrosion, ASTM D4048,	1b
Four Ball Extreme Pressure Test, ASTM D2596:	
Load Wear Index, kg	70
Weld Load, kg	800
US Steel Timken Retention Test, 15kg/33 LB @ 30 minutes	Pass
TCLP (Unused)	Pass
Solids Grade Classification	Multi-Service