



RED-*i* POWERCAT HEAVY DUTY GREASE



Product Description: RED-*i* POWERCAT HEAVY DUTY GREASE is a superior lithium complex grease designed to provide excellent lubricating qualities over a wide range of temperatures. Designed for work under the toughest conditions with excellent mechanical and chemical stability. RED-*i* POWERCAT HEAVY DUTY GREASE is designed to “always stay in place” under the worst operating conditions of water-dirt-mud, providing you with maximum protection and peace of mind. Formulated with 5% molybdenum disulfide for protection against sliding friction wear.

Features:

- Meets and exceeds OEM specifications.
- Outstanding wide temperature range grease.
- Unequaled water washout resistance.
- Excellent shock load-carrying ability.
- Rust and corrosion inhibited to protect metal surface.
- Extreme pressure protection - 70 Lb. Timken OK Lo Test.
- Rust and corrosion inhibited to protect metal surface
- Grease “stays in place”. Less frequent regreasing required.
- Oxidation inhibitors permit operations at high temperature for extended periods.
- Less down time on your equipment.
- Melting point well above 500°F.
- Excellent grease for most sealed-for-life bearings.
- Formulated with 5% tech fine molybdenum disulfide.
- Excellent pumpability.

Typical Uses:

- Recommended for wheel bearing, including disc brake applications, fifth wheels, U-joints, steering linkage, and chassis lubricant.
- The adhesive and water resistance qualities of this grease make it an ideal chassis lubricant for “off-road” trucks, construction equipment, agricultural equipment, logging equipment, and mining equipment.
- Also recommended for rock crushers, oil field equipment, off shore drilling equipment and marine deck equipment.
- Recommended for all types of bearings including plain bearings, heavily loaded journal bearings, ball and roller bearings, needle bearings, and couplings.
- Recommended for Caterpillar applications like the 994 series loaders and 5130 and 5230 series shovels.

RECOMMENDED FOR CENTRALIZED DISPENSING SYSTEMS COMMONLY FOUND IN INDUSTRIAL PLANTS AND ON HEAVY EQUIPMENT.

Typical Specifications:

GRADE, NLGI	1	2
Penetration @ 77° F. (ASTM Worked)	310-340	265-295
Dropping Point, ASTM, °F.	550+	550+
Soap Type	Lithium Complex	Lithium Complex
Color	Dark Grey	Dark Grey
Appearance	Smooth	Smooth
Timken OK Load, Lb.	70+	70+
Base Oil Viscosity:		
cSt. @ 40°C.	460	460
cSt. @ 100°C.	19.0	19.0
Rust Test, ASTM D1743	Pass	Pass
Water Washout Loss %	5	5
4 Ball EP Test Weld Point, Kg.	800+	800+
4 Ball Wear Test MM Scar Diameter	0.44	0.44
Load Wear Index	147.4	147.4
Oil Separation	3.0	3.0
Evaporation Loss ASTM D2592, %	0.3	0.3

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.