

# RED-i<sup>®</sup> POWERCAT HEAVY DUTY GREASE



A PRODUCT OF LUBRICATING SPECIALTIES COMPANY

## Product Description



**RED-i<sup>®</sup> 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<sup>®</sup> 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.

**NOTE: NOT RECOMMENDED FOR SMALL ANTI-FRICTION BEARINGS OPERATING OVER 5000 RPM.**

## Applications & 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.

## Features & Benefits:

- 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.
- NLGI #2 GC-LB Certified.

## Typical Test Data

TEST, NLGI GRADE	ASTM	1	2
Penetration @ 77 ° F.	D-217	310-340	265-295
Dropping Point, °F.	D-2265	500+	500+
Soap Type	----	Lithium Complex	Lithium Complex
Color	----	Dark Grey	Dark Grey
Appearance	----	Smooth	Smooth
Timken OK Load, Lb.	D-2509	70+	70+
Base Oil Viscosity:			
cSt. @ 40°C.	D-445	120.0	120.0
cSt. @ 100°C.	D-445	11.0	11.0
Rust Test	D-1743	Pass	Pass
Water Washout Loss %	D-1264	5	5
4 Ball EP Test Weld Point, Kgf.	D-2596	800+	800+
4 Ball Wear Test MM Scar Diameter	D-2266	0.44	0.44
Load Wear Index	D-2266	147.4	147.4
Oil Separation	D-1742	3.0	3.0
Evaporation Loss %	D-2592	0.3	0.3

\* CONTAINS HIGH PERFORMANCE ADDITIVE CHEMISTRY.  
VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.

## TECHNICAL PRODUCT INFORMATION

PRODUCT CODE: 50028, 50029

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