



Powercat 1000 EP2 Grease

Description

Heavy Duty, High Temperature, Lithium Complex Grease Containing Moly

Powercat 1000 EP2 Grease is heavy duty grease based on lithium complex thickener and base oil blend of high viscosity. The grease contains perfectly balanced performance additives: antioxidants, rust and corrosion inhibitors and special EP/AW additives. The addition of very fine molybdenum disulfide and other dry lubricants provides extra protection against wear even under circumstances when the oil film breaks down.

Benefits

- Excellent at High Temperatures, up to 140 degrees Celsius
- Contains super-fine Moly. Provide extra protection against wear under shock loads and oscillating movements and even in the case of loss of grease and/or accidental overheating.
- Very Good Mechanical Stability, resistant against softening.
- Extremely High Anti-Wear & High Load Carrying Capacity, protecting equipment exposed to heavy and shock loads.
- Excellent Resistance against water wash-out, even when exposed to severe water contamination.
- Very good Rust and Corrosion Protection.

Designed for a wide range of heavy-duty applications: automotive, heavy-duty on-road and off-road vehicles in construction, agriculture and forestry; Chassis, CV-joints and Driveline Grease for Heavy Duty Equipment in Construction and Mining sectors; Preferred solution for lubrication of surface and underground mining and quarrying equipment: pins and bushings on buckets, loaders, shovels, crushers, and conveyors; Lubrication of large, slow moving and heavily loaded industrial rolling element bearings.

Grease Classifications

ISO 6743-9 L-XBDHB 2 \square DIN 51502 KPF2N-20

Test Parameter	Test Method	Value
Appearance	Visual	Smooth and Homogenous
Color	Visual	Grey to Black
Thickener		Lithium Complex
Content of Dry Lubricants, %		6%
Base Oil Viscosity at 40 Celsius, mm ² /s	EN ISO 3104	460
NLGI Grade	ASTM D217	2
Operating Temperature Range		-20 to 140 Celsius
Cone Penetration, Worked, 0.1 mm	ISO 2137	265 – 295
Dropping Point	ISO 6299	> 250 Celsius
Rust Protection	ASTM D1743	Pass
Rust Test, EMCOR	ISO 11007	0-0
Water Washout Test at 79 Celsius, wt.% loss	ISO 11009	6% Typical
Four-Ball EP Test, Weld Point, N	ASTM D2596	min 5000