



DESCRIPTION

ADDER is a premium high-performance heavy-duty grease developed for use in a wide range of industrial and mining applications. It meets the requirements of mining and off-road equipment manufactured by Caterpillar, Terex, Komatsu, Liebherr, P&H etc.

ADDER is blended with high viscosity index mineral base oils, a lithium complex soap thickener and fortified with EP additives, special tackifier, antioxidants and rust and corrosion inhibitors. Molybdenum Disulphide is also added to the formulation to enhance its shock loading properties.

CHARACTERISTICS

Functional multi-purpose for low and high temperatures. Its extra ability to prevent scuffing and reduce wear under high load and shock load conditions, together with its excellent resistance to shear and high temperature operation, makes it preferred over other multi-purpose greases.

Oxidation inhibitors assure a long service life.

Where water contaminating influences cannot be avoided, even at elevated temperatures, effective lubrication is maintained because of its excellent resistance to water wash out.

ADDER maintains consistency over long periods even in the most adverse conditions.

The recommended temperature range is from -20°C to 175°C, however it may be used intermittently up to 200°C.

RECOMMENDATIONS

ADDER is the prime recommendation for the lubrication of shock loaded, heavy duty, slow moving bearings and non-bearing applications such as those found in mobile mining equipment (i.e. cranes, scrapers, shovels and drag lines).



Typical Characteristics	Methods	Typical Values
NLGI		2
Soap Type		Lithium Complex
Appearance		Grey/Black and Tacky
Molybdenum Disulphide, % Mass (1.5 Microns average)		5
Penetration, Worked at 25°C – After 60 strokes	ASTM D 217	265 min/295 max
Dropping Point, °C	ASTM D 2265	250 min
Water washout at 80°C, % Loss	ASTM D 1264	<4
Copper Corrosion	ASTM D 130	1b
Rust Prevention Rating	ASTM D 1743	Pass
Timken, OK Load, Kg	ASTM D 2509	26
4-Ball Weld, Kg/f	ASTM D 2596	500
4-Ball Wear Scar, mm	ASTM D 2266	0.45
Ball Joint Test, Brine Sensitivity	ASTM D 3428	Pass
Base Oil Viscosity, cSt at 40°C	ASTM D 445	320 typical

The facts stated and the recommendations made herein are believed to be accurate. No guarantee of their accuracy is made however, and otherwise expressly provided in written contract, the products are sold without conditions or warranties, expressed or implied. Purchasers should determine the suitability of such products for their particular purpose.