

Hi-Tech GREASE EP SERIES

Extreme Pressure Lithium Grease

Description

Lithium Grease EP is a range of lithium soap thickened greases available in different NLGI grades. The product is a general purpose product designed to perform in a wide variety of applications requiring a grease with EP properties and load-carrying capacity. Contains an extreme pressure additive technology which has a low impact on the environment also.



Application

Lithium Grease EP is specially formulated to lubricate all sorts of equipment and mechanisms. The grease will perform excellent for all road equipment, manufacturing, agriculture, mining, marine, forestry and general purpose applications. Lithium Grease EP 000, 00 and 0 are suitable for steel mill lubricant and heavy duty plain and rolling element bearings and gearboxes requiring a semi-fluid grease. Lithium Grease EP 1 will work very well in centralized systems and extreme pressure gears working at ambient temperatures. Lithium Grease EP 2 and 3 are well suited in heavy duty bearings and general industrial lubrication.

Benefits

- High load carrying capacity.
- Superior sealing capacity.
- Protects against rust and corrosion.
- Excellent mechanical stability
- Water resistant
- Offers protection against wear in a wide range of temperatures.

Specification

DIN 51502, DIN 51825 KPN-30, ISO 6743/9 LXCDHB

Technical Properties

Characteristics \ Series	Test Method	EP 000	EP 00	EP 0	EP 1	EP 2	EP 3
Soap	ASTM D 3340			Lithium			
Color	-			Amber			
Texture	Visual			Smooth			
Worked Penetration @ 25 °C, 0.1 mm	ASTM D 217	455	415	370	320	275	238
Dropping Point, °C	ASTM D 2265	160	170	180	192	195	195
Base Oil Viscosity @ 40 °C, cSt.	ASTM D 445	160	170	180	150	150	150
4- Ball Test							
WP, kg/min	ASTM D 2596	250	250	250	250	250	250
Wear Scar Diameter, mm	ASTM D 2596	0.48	0.48	0.48	0.48	0.48	0.48
Water Washout @ 79 °C, %wt.	ASTM D 1264	-	-	-	<10	<10	<10