



PROTECH EP3

Bearing Grease High Temperature Grease

Description:

PROTECH EP3 is a mineral oil based, lithium soap thickened grease. This premium quality, general purpose grease is suitable for a wide range of industrial and automotive applications requiring stiff grease. Excellent rust inhibiting properties High oxidation stability within its recommended temperature rang.

Application:

- Product primarily designed for use in Disc Brake Wheel Hub Bearing in automotive commercial vehicles like trucks, trailers, and off-road vehicles.
- Finds use in Chassis components like UJ crosses and heavy-loaded anti-friction bearings
- vehicles in construction & agricultural equipment. Clutch bearings, ball joints of suspension and steering systems in all kinds of passenger cars, trucks, and farm tractors.
- Suitable for different pumps at water station.
- kingpins, U-joints, fifth wheels and bucket pins.
- Continuous high ambient temperatures >35 °C (95 °F)
- Bearings >100 mm (3.9 in.) shaft size
- Outer bearing ring rotation
- Vertical shaft applications
- Propeller shafts
- Agricultural equipment

PROTECH EP3	Method	Value
Appearance	Visual	Smooth and buttery
Colour	Visual	Blue
Thickener	-	Lithium
Base Oil	-	Mineral
NLGI	-	3
Worked Penetration @ 25 °C	ASTM D 217	220-250
Dropping Point	ASTM D 566	195
Four Ball Weld Load	IP 239/89	250
Copper Strip Corrosion @100 °C for 24h	ASTM D 4048	Negative
Corrosion Preventive Test	ASTM D 1743	Pass
Oxidation stability @100h drop in pressure	ASTM D 942	Max. 0.2
Base Oil Viscosity @ 40 °C	ASTM D 445	155
Roll Stability penetration change percent after 16h	ASTM D 1831-88	Max. 8
Heat Stability, max. by mass	BIS-1448	Max. 2
Freedom from deleterious particles, permitted no. of scratches	ASTM D 1404	Nil
Service Temperature	°C	-20 TO 140



Pack Size:

1 Kg - 5Kg - 20 Kg - 180 Kg

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