

Polygrease NLGI No.2

Product Description

Polygrease NLGI No.2 is a polyurea thickened lubricating grease based on mineral oil and polymer. The grease contains antioxidants, corrosion inhibitors, and EP/AW additives. The thickener, together with the special base oil blend, makes the product suitable for the lubrication of lightly loaded bearings operating at medium to high speeds, at a wide temperature range. The combination of the polyurea thickener and the antioxidant additives gives a potent and durable protection against thermal degradation. Polygrease NLGI No.2 is especially developed for lubrication of bearings in electrical motors and application operating under similar conditions. The product is designed to ensure long life of rolling bearings, even in conditions where severe temperatures and humidity may be present.

Product Features & Benefits

- Extends lubrication intervals ensuring maximum cost savings in grease consumption
- Highly water resistance and corrosion protection
- Excellent EP performance provides protection against premature wear
- Highly versatile grease with a wide temperature range

Typical Characteristics

Colour	Light Brown
Thickener, Soap Type	Urea Compound
Base Oil Nature	Mineral
Base Oil Viscosity @ 40°C, (cst)	220
NLGI Consistency Class	Grade 2
Worked Penetration 60W, (0, 1mm)	265 – 295
Worked Penetration 105W, (0, 1mm)	Max. 350
Drop Point, (°C)	250
EMCOR Corrosion Test	
➤ Distilled Water	0
➤ Salt Water	Max. 2
4-ball-test	
➤ Welding Load, (kg)	Min. 300
➤ Wear Scar Diameter 1h/40 kg, (mm)	Max. 0.50
Oil Separation, %	Min. 6
Water Washout, 80°C (%)	Max. 2
Oxidation Stability, (bar)	Max. 0.5
Copper Corrosion, 100°C	Max. 1b
Operating Temperature, (°C)	-20 to 150

Master Item# 1850

Pack Size Availability: 450g, 20kg & 180kg

Last Updated: 30th May 2023