



MAGNA™ POLYTEK GREASE

MAGNA™ POLYTEK GREASE – Grease is a new technology high efficiency long life organic thickened lubricating grease with high viscosity base oil. POLYTEK Grease is fortified with extreme pressure and anti-wear additives along with antioxidants and anticorrosive agents for superior performance.

Applications

MAGNA POLYTEK Grease is a multifunctional product that can be used in a variety of applications for long life lubrication of bearings and mechanisms. This Grease is also recommended for heavy duty steel plant applications where combined effects of high temperature, heavy load and water ingress is encountered.

MAGNA POLYTEK Grease can be applied by hand, by using a standard grease gun or through centralized systems capable of pumping #2 grease. As with all greases used for the first time, it is necessary to thoroughly clean and purge bearings of grease used previously, prior to application. Care should also be taken not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

SP. NOTE: Test reports shown in typical characteristics are proven in specified tests conditions and cannot be assumed as actual and cannot be constituted as specifications.

Features & Benefits

- heavy-duty grease that does not contain any metallic soaps and exhibits outstanding Oxidation and non-ageing characteristics.
- based on polyurea thickener which offers excellent shear stability for long life under arduous working conditions including high and shock loads as well as high temperatures.
- shows steady consistency with temperature changes and is ideally suited for high duty wide temperature applications.
- shows good water washout and water resisting properties and can safely use in applications where water ingress is encountered.
- excellent sealing properties, facilitating extension of re-lubrication interval.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.



Typical Characteristics

MAGNA POLYTEK GREASE	
Color	Brown
Thickener Type	Poly Urea
Texture	Smooth & Homogenous
Base Oil Type	Mineral Oil
Kin. Viscosity @ 40 °C, cSt	460
Cone Penetration @ 25 °C, 0.1mm	265 – 295
Dropping Point, °C	> 240
Oil Separation (40°C, 18h), %	1.7
Water Washout (80°C, 1h), %	< 3.0
Copper Corrosion (100°C, 24h)	1b
EMCOR corrosion test, Rating Distilled water	0
EMCOR corrosion test, Rating salt water	2
Oxidation Stability (100°C, 100h), bar	0.25
4-ball wear test, scar diameter (40kg,1hr), mm	0.4
Operating Temperature	- 20 to +180°C

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