

Petronas Grease PU

Electric Motor Bearing Grease



High Temperatures



Corrosion Protection

Description

Petronas Grease PU is a state of the art polyurea based lubricating grease based on mineral oil. The grease contains antioxidants and corrosion inhibitors, and has excellent mechanical stability over a wide temperature range.

Applications

Petronas Grease PU has been specifically designed for high temperature, lightly loaded bearings. It is recommended for use where long operational life and extended re-greasing intervals are an important consideration.

Petronas Grease PU is recommended for applications such as the lubrication of electric motor bearings, fan bearings and high temperature pumps. Operating temperature range from -20°C to +140°C (max 180°C) .

Features & Benefits

- Wide operating temperature range
- High temperature performance
- Long service life and good oxidation stability.
- Excellent protection against rust and corrosion

Product Data Sheet

Effective Date 01.01.2015 Version 1.0

PETRONAS
High Performance Grease



Typical Properties

	Test Method	Unit	Petronas Grease PU
DIN classification	DIN 51502		KP2N-20
ISO classification	ISO 6743		L-XD(F)DHA2
NLGI Grade	ASTM D217		2
Thickener Type			Polyurea
Colour	Visual		Blue
Penetration, @ 25°C Worked	ASTM D217	0.1 mm	280
Dropping Point	IP 396	°C	> 260
Base Oil Type			Mineral Oil
Viscosity of Base Oil @ 40°C	ASTM D445	cSt	100
4-Ball Weld Load	DIN 51350:4	N	2400 N
4-Ball Wear Scar 40kg/1hr	DIN 51350:5	mm	0.5
Density	IP PM-CS/03	g/ml	0,92

Health & Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment. Due to continual product research and development, the information contained herein is subject to change without notification.