

PETRONAS Grease Li EP 00 and Li EP 0

Premium Industrial Extreme Pressure Lithium Greases



Extreme Pressure



Lubrications Systems



Corrosion Protection

Description

Petronas Grease Li EP 00 is a lithium thickened lubricating grease based on mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives. The product is a state-of-the-art multipurpose EP grease which can be used in various applications within given temperature limits. The lubricating grease offers good mechanical stability, load carrying capacity and corrosion protection.

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Applications

Petronas Grease Li EP 00 is a high quality multipurpose grease that can be used in both industrial and automotive applications. The consistency of the product makes it suitable for use in centralised lubrication systems (CLS) that require semi-fluid grease. The product is also suitable for use in gearboxes.

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Operating temperature range from -30°C to +130°C.

Features & Benefits

- Good mechanical stability.
- High load carrying capacity.
- Long service life.
- Easy to pump at low temperatures.
- CLS Multi-use convenience.
- Excellent oxidation resistance.
- Used by most equipment builders.
- Effective rust and corrosion protection

Product Data Sheet

Effective Date 01.01.2015 Version 1.0

PETRONAS

High Performance Grease



Typical Properties

	Test Method	Unit	Grease Li EP 00	Grease Li EP 0
DIN Classification	DIN 51502 DIN 51825		KP00G-30	KP0K-30
ISO Classification	ISO 12924		L-XC(F)BIB00	L-XC(F)C1B0
NLGI Grade	ASTM D217		00	0
Thickener Type			Lithium	Lithium
Colour	Visual		Light Brown	Light Brown
Penetration, @ 25°C Worked	ASTM D217	0.1 mm	400 - 430	355 - 385
Dropping Point	IP 396	°C	> 150	> 160
Base Oil Type			Mineral Oil	Mineral Oil
Viscosity of Base Oil @ 40°C	ASTM D445	cSt	190	190
4-Ball Weld Load	DIN 51350:4	N	2200	2600
4-Ball Wear Scar 40kg/1hr	DIN 51350:5	mm	0.5	0.5
20,000 Strokes Worked Penetration	ASTM D217	Change 0.1mm	--	+30
SKF Emcor distilled Water SKF Emcor Salt water	ISO 11007		0-0 2-3	0-0 2-2
Density	IPPM-CS/03	g/ml	0.91	0.91
Water Resistance	DIN 51807/1		0-90	0-90
Flow Pressure -30°C	DIN 51805	hPa	--	370

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.