

PETRONAS Grease LiX 2/170

Approved OEM Commercial Vehicle and Industry Lithium Complex Grease



High Temperatures



Extreme Pressure



Water Resistant



Corrosion Protection

Description

Petronas Grease LiX 2/170 is a long life green lithium complex, NLGI 2 grease developed specifically for high temperature commercial vehicle and a wide variety of industry applications including marine. It contains EP additives, oxidation, rust and corrosion inhibitors to meet stringent equipment builders and OEM specification requirements. Whilst providing exceptional wear protection, good water wash resistance and rust inhibition, it can be dispensed

at low temperatures and provides long life in applications operating at elevated temperatures. It may be used in most applications requiring an NLGI 2, multipurpose, EP grease and is recommended for extended term use in a variety of equipment.

Whilst it is generally compatible with all lithium and lithium-calcium greases, advice should be obtained before mixing it in applications containing other greases.

Applications

Petronas Grease LiX 2/170 is recommended for use in all general purpose automotive commercial transport vehicles and chassis applications. It is particularly suitable for lubricating of roller and friction bearings under extreme pressure load at high temperature.

It is specifically recommended for wheel bearing and prop shaft lubrication of commercial / utility vehicles and passenger motor cars.

All application areas for lubrication as specified by the OEM's such as MAN, MB and Volvo specification booklet for this type of lithium complex approved grease.

Other areas for use include Industrial and marine applications, chassis components and farm equipment. Its sticky formulation stays in applications for longer periods.

Operating temperature range from -25°C to +140°C

Short time admissible peak value +220°C, permanent temperatures over 150°C.

Features & Benefits

- Excellent pumpability
- Enhanced worked stability
- Reduced bearing cage and general roller wear
- Superb water resistance
- Advanced Adhesiveness and cohesiveness
- Extreme protection against corrosion
- High thermal load
- High pressure load capacity
- Multipurpose convenience

Product Data Sheet

Effective Date 01.01.2015 Version 1.0

PETRONAS

High Performance Grease



Approvals

- Mercedes Benz 265.1
- Volvo Std 1277.2 (97720)
- MAN 284 Li-H 2
- Proven performance in Scania trucks

Typical Properties

	Test Method	Unit	Grease LiX 2/170
DIN 51 502 / DIN 51825			KP2N-20
ISO 12924			L-XB(F)DIB2
NLGI Grade	ASTM D217		2
Thickener Type			Lithium Complex
Colour	Visual		Green
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	170
FAG FE 9 Test	DIN 51 821-02-A / 1500 / 6000-150		F ₅₀ > 100 h
4-Ball Weld load	DIN 51350:4	N	2400
4-Ball Wear Scar, 40kg/1h	DIN 51350:5	mm	0.43
Water Resistance	DIN 51 807 T1		0 - 90
EMCOR (dist. Water)	DIN 51 802		0-0
Copper Strip Test	DIN 51 811		Degree 1

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.