SAPPHIRE HI-PRESSURE

High load, molybdenum disulphide grease for plain bearings. Designed for the effective lubrication and protection of plain bearings, particularly in heavily loaded, slow moving applications..

FEATURES

- Ø Temperature range –20^{0}C to 150^{0}C
- Ø Outstanding EP performance (355kg weld load)
- Ø Good corrosion resistance
- Ø Resistant to water washout
- Ø Provides long term lubrication
- Ø Ideal for heavy loaded, slow moving applications

DIRECTIONS FOR USE

- Ø Apply manually or with a suitable applicator e.g. ROCOL grease gun
- Ø Compatible with other clay thickened greases. However, for best results, the previous lubricant should be removed prior to application.

Technical and Safety Data Sheets are available from:

Fax Back Facility : +44 (0)113 232 2770
Web Site : www.rocol.com
Customer Service : +44 (0)113 232 2700

ROCOL Lubricants

ROCOL House, Swillington, Leeds LS26 8BS, England.

Tel: +44 (0)113 232 2600 Fax: +44 (0)113 232 2760
www.rocol.com

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The information in this publication is based on our experience and reports from customers.
There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

TECHNICAL DATA

SAPPHIRE HI-PRESSURE

TECHNICAL DATA (typical values)

Appearance	Smooth, blue/black grease
NLGI No. (IP 50)(ASTM D217)	NLGI No. 2
Base type	Severely refined mineral oil
Thickener	Organically modified clay
Solids	Molybdenum disulphide
Temperature range	-20^{0}C to 150^{0}C
Drop point (IP 132)	Non-melting
Base fluid viscosity at 40^{0}C	184 cSt
Base fluid viscosity at 100^{0}C	15 cSt
Shell 4 ball (IP 239)(ASTM D2596)	
Weld load	355 kg
Mean hertz load	68 kg
Corrosion Tests (IP112) 24 hrs at 100ºC	
Mild steel	Pass
Aluminium	Pass
Oil Separation (IP121) 24 hrs at 100ºC	3%
Water Washout Test (IP 215)(ASTM D1264)	0%
Storage	Storage temperature should be controlled to between 1 and 40 °C.
Pack sizes	400g cart, 500g, 5kg, 18kg, 50kg

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