SAPPHIRE HI-SPEED

High speed, low noise, bearing grease.
For bearings that require a grease with a DmN factor of 1 million +. Sapphire Hi-Speed provides an economical method of achieving minimal lubrication and maintenance free operation over long periods, without the need for oil mist or other external lubrication systems. It permits the use of simple closures and provides some degree of protection against the ingress of contaminants.

FEATURES

- Temperature range -40^0C to 120^0C
- Good anti-wear performance (200kg weld load)
- Long lasting lubrication at high speeds
- DmN factor 1.25×10^6
- Eliminates the need for an external oil lubrication system

DIRECTIONS FOR USE

- Apply manually or with a suitable applicator e.g. ROCOL grease gun
- Compatible with other soap 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-SPEED

TECHNICAL DATA (typical values)

Appearance	Smooth, brown grease
NLGI No. (IP 50)(ASTM D217)	NLGI No. 2
Base type	Synthetic hydrocarbon fluid
Thickener	Lithium complex soap
Temperature range	-40^{0}C to 120^{0}C
Base fluid viscosity at 40^{0}C	11 cSt
Base fluid viscosity at 100^{0}C	2.9 cSt
DmN factor	1,250,000
Shell 4 ball (IP 239)(ASTM D2596)	
Weld load	200 kg
Water Washout Test (IP 215)(ASTM D1264)	2%
Corrosion Test - Emcor (IP 220)	0:0
Oxidation Stability drop in pressure (IP 142) (ASTM D942)	-1.5psi
Storage	Storage temperature should be controlled to between 1 and 40 °C.
Pack sizes	380g cart, 4.5kg

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