

## TECHNICAL DATA

# SAPPHIRE HI-SPEED 2

## High Speed Grease

### Description

ROCOL SAPPHIRE HI-SPEED 2 is a tenacious grease developed for bearings running at high speed and where low noise is a priority.

This complex soap thickened grease is based on a low viscosity synthetic base fluid, with the inclusion of anti-wear, anti-oxidants and corrosion inhibitors.

ROCOL SAPPHIRE HI-SPEED 2 is suitable for bearings that require a grease with a DmN factor of 1 million +. The advantage over oil mist lubrication is that it provides an economical method of achieving minimal lubrication and maintenance free operation over long periods, eliminates the need for an external lubrication system, permits the use of simple closures and provides some degree of protection against the ingress of contaminants.

### Outstanding Features

- Lasting lubrication at high speeds
- DmN factor  $1.25 \times 10^6$
- Eliminates the need for an external oil lubrication system

### Directions for use

ROCOL SAPPHIRE HI-SPEED 2 can be applied manually or by a suitable applicator capable of handling an NLGI No. 2 grease.

### Technical Data (typical features)

<i>Appearance</i>	: <i>Brown grease</i>
<i>Base Oil</i>	: <i>Synthetic</i>
<i>Thickener</i>	: <i>Lithium Complex soap</i>
<i>NLGI No. (IP 50)(ASTM D217)</i>	: <i>No. 2</i>
<i>Temperature Range</i>	: <i>-40 °C to 120 °C</i>
<i>DmN factor</i>	: <i>1,250,000</i>
<i>Shell 4 Ball (IP 239)(ASTM D2596)</i>	
<i>Weld Load</i>	: <i>200kg</i>

*continued.....*

#### **ROCOL Lubricants**

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

Tel: 0113 232 2600 Fax: 0113 232 2760

ROCOL is a BS EN ISO 9001 registered company.

ROCOL is a trade mark of ITW Inc.

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

## Technical Data (continued)

<i>Water Washout Test (IP 215 (ASTM D1264)</i>	: 2%
<i>Corrosion Test - Emcor (IP 220)</i>	: 0:0
<i>Oxidation Stability drop in pressure (IP 142) (ASTM D942)</i>	: -1.5psi
<i>Storage</i>	: <i>Store in a cool / dry place (0 °C to 40 °C)</i>

## Health and Safety

Further Technical Data and Safety Data Sheets are available from the Customer Service Department, ROCOL Lubricants, ROCOL House, Swillington, Leeds, LS26 8BS, England.

**Telephone:** 0113 232 2700, (When calling from outside UK: 44 113 232 2700).

**Fax:** 0113 232 2760, (When faxing from outside UK: 44 113 232 2760).

Issue: 1205a 310300

### **ROCOL Lubricants**

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

Tel: 0113 232 2600 Fax: 0113 232 2760

ROCOL is a BS EN ISO 9001 registered company.

ROCOL is a trade mark of ITW Inc.

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