

## TECHNICAL DATA

# SAPPHIRE HI-LOAD 2

## High Load Grease

### Description

ROCOL Sapphire Hi-Load 2 is a long life bearing grease containing Molybdenum Disulphide to ensure the effective lubrication and protection of all types of ball, roller and plain bearings under higher load or wear conditions.

### Outstanding Features

- **Revolutionary multi-complex soap technology**
- **Greatly extended lubrication intervals**
- **Extremely high load carrying properties**
- **Good corrosion resistance**

### Directions for use

ROCOL Sapphire Hi-Load 2 can be applied manually or by a suitable applicator, eg. ROCOL Grease Gun. ROCOL Sapphire Hi-Load 2 is compatible with other soap-thickened greases. However, for best results, bearings should be cleaned or purged of the previous lubricant.

### Technical Data

<i>Appearance</i>	: <i>Smooth, blue-black grease</i>
<i>NLGI No. (IP 50)(ASTM D217)</i>	: <i>NLGI No. 2</i>
<i>Base fluid type</i>	: <i>Mineral oil</i>
<i>Thickener</i>	: <i>Multi-Complex Soap</i>
<i>Solid Lubricant</i>	: <i>Molybdenum Disulphide</i>
<i>Shell 4 Ball (IP 239) ASTM D2596</i>	
<i>Weld Load</i>	: <i>&gt;800kg</i>
<i>Load-Wear Index</i>	: <i>144kg</i>
<i>Timken 'OK' Load</i>	: <i>70lb</i>
<i>Temperature range (ASTM D128)</i>	: <i>-30°C to +150°C</i>
<i>Corrosion test (IP 112)(ASTM D130)</i>	: <i>1a.</i>
<i>Corrosion test - Emcor (IP 220)</i>	: <i>0:0</i>
<i>Water Washout Test (IP 215)(ASTM D1264)</i>	: <i>2%</i>
<i>Storage</i>	: <i>Store in a cool/dry place</i>

*continued.....*

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## Health and Safety

Further Technical Data and Health and Safety information (COSHH, MSDS) is available from the Customer Service Department, ROCOL Ltd., ROCOL House, Swillington, Leeds, LS26 8BS, England.

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