



## TECHNICAL DATA

# SAPPHIRE HI-TEMP 2

## High Temperature Grease

### Description

ROCOL Sapphire Hi-Temp 2 is a bearing grease designed for the effective lubrication and protection of all types of ball, roller and plain bearings at elevated temperatures.

### Outstanding Features

- Excellent high temperature performance
- Resists carbonisation at high temperatures
- Extends lubrication intervals
- Excellent corrosion protection

### Directions for use

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

### Technical Data (typical figures)

<i>Appearance</i>	: <i>Smooth, beige grease</i>
<i>NLGI No. (IP 50)(ASTM D217)</i>	: <i>NLGI No. 2</i>
<i>Base fluid type</i>	: <i>Synthetic Hydrocarbon oil</i>
<i>Thickener</i>	: <i>Lithium Complex</i>
<i>Temperature range (ASTM D128)</i>	: <i>-40°C to +200°C</i> <i>(200°C short lubrication periods)</i>
<i>Shell 4 Ball (IP 239) (ASTM D2596)</i>	
<i>Weld Load</i>	: <i>355kg</i>
<i>Mean Hertz Load</i>	: <i>68kg</i>
<i>Copper Corrosion Test (IP112) (ASTM D130)</i>	: <i>1b</i>
<i>Evaporation Loss (IP183) (ASTM D972) 175°C</i>	: <i>4.1%</i>
<i>Storage</i>	: <i>Store in a cool/dry place</i>

*continued.....*

#### ROCOL Limited

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ROCOL is a BS EN ISO 9002 registered company.

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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.





## 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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