

## SAPPHIRE® Hi-Load 2

**Long life multi-purpose grease containing molybdenum disulphide.  
Designed for the effective lubrication and protection of all types of ball, roller and plain bearings.**

### Features

- Temperature range –30°C to 150°C
- Outstanding EP performance (>800kg weld load)
- Revolutionary multi-complex soap technology
- Greatly extended lubrication intervals
- typically 3 times longer than conventional soap thickened greases
- Good corrosion resistance
- Ideal for heavy loaded, slow moving applications

### 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.

T +44 (0) 113 232 2600  
F +44 (0) 113 232 2740  
E [customer-service@rocol.com](mailto:customer-service@rocol.com)  
[www.rocol.com](http://www.rocol.com)

ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67  
Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

ROCOL A division of **ITW** Ltd



BS EN ISO 9001  
Certificate No. FM 12448



BS EN ISO 14001  
Certificate No. EMS 67596



OHSAS 18001  
Certificate No. OHS 78173



INVESTOR IN PEOPLE

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

**ROCOL®**

Performance you can trust

## SAPPHIRE® Hi-Load 2

<b>Appearance</b>	Smooth, blue/black grease
<b>Worked penetration</b>	290-320
<b>Base type</b>	Severely refined mineral oil
<b>Thickener</b>	Multi-complex soap technology
<b>Solids</b>	Molybdenum disulphide
<b>Temperature range</b>	-30°C to 150°C
<b>Base fluid viscosity at 40°C</b>	180 cSt
<b>Base fluid viscosity at 100°C</b>	17 cSt
<b>Shell 4 ball (IP 239)(ASTM D2596)</b>	
<b>Weld load</b>	>800 kg
<b>Mean hertz load</b>	144 kg
<b>Timken 'OK' Load (IP 326)(ASTM D2509)</b>	70lb
<b>Copper Corrosion test (IP 112)(ASTM D130)</b>	1a
<b>Corrosion test - Emcor (IP 220)</b>	0:0
<b>Water Washout Test (IP 215)(ASTM D1264)</b>	2%
<b>Storage</b>	Storage temperature should be controlled to between 1 and 40°C.
<b>Pack sizes – Part Codes</b>	400g – p/c 12761
	5kg – p/c 12765
	18kg – p/c 12764

T +44 (0) 113 232 2600  
F +44 (0) 113 232 2740  
E [customer-service@rocol.com](mailto:customer-service@rocol.com)  
[www.rocol.com](http://www.rocol.com)

ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67

Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

ROCOL A division of **ITW** Ltd



BS EN ISO 9001  
Certificate No. FM 12448



BS EN ISO 14001  
Certificate No. EMS 67596



OHSAS 18001  
Certificate No. OHS 78173



INVESTOR IN PEOPLE

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.