



## SAPPHIRE 2

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

### FEATURES

- Ø Temperature range  $-30^{\circ}\text{C}$  to  $150^{\circ}\text{C}$
- Ø Outstanding EP performance ( $>800\text{kg}$  weld load)
- Ø Revolutionary multi-complex soap technology
- Ø Greatly extended lubrication intervals
  - Ø typically 3 times longer than conventional soap thickened greases
- Ø Good corrosion resistance
- Ø Blue in colour for high visibility

### DIRECTIONS FOR USE

- Ø Apply manually or with a suitable applicator e.g. ROCOL grease gun
- Ø 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](http://www.rocol.com)  
**Customer Service** : +44 (0)113 232 2700

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#### **ROCOL Lubricants**

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

Tel: +44 (0)113 232 2600 Fax: +44 (0)113 232 2760

[www.rocol.com](http://www.rocol.com)

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 or knowledge which affect the use and performance  
of our products, for which reason it is given without responsibility.

TECHNICAL DATA



## SAPPHIRE 2

### TECHNICAL DATA (typical values)

|  |  |
|--|--|
| Appearance                                 | Smooth, blue grease  |
| Worked penetration                         | 290-320  |
| Base type                                  | Severely refined mineral oil                                     |
| Thickener                                  | Multi-complex soap technology                                    |
| Temperature range                          | -30 <sup>0</sup> C to 150 <sup>0</sup> C                         |
| Base fluid viscosity at 40 <sup>0</sup> C  | 180 cSt  |
| Base fluid viscosity at 100 <sup>0</sup> C | 17 cSt   |
| Shell 4 ball (IP 239)(ASTM D2596)          |  |
| Weld load                                  | >800 kg  |
| Mean hertz load                            | 120 kg   |
| Timken 'OK' Load (IP 326)(ASTM D2509)      | 60lb   |
| Copper Corrosion test (IP 112)(ASTM D130)  | 1a   |
| Corrosion test - Emscor (IP 220)           | 0:0  |
| Water Washout Test (IP 215)(ASTM D1264)    | 2%   |
| Storage                                    | Storage temperature should be controlled to between 1 and 40 °C. |
| Pack sizes                                 | 400g, 5kg, 18kg, 50kg, 185kg                                     |

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