



SAPPHIRE 1 UNILUBE

**Long life, multipurpose, EP grease for maximum bearing life.
Designed for the automatic lubrication and protection of ball, roller and
plain bearings operating in a wide variety of applications.**

FEATURES

- Ø Automatic lubricator safely activated with hydrogen gas
- Ø 1, 3, 6 or 12 month settings
- Ø Operates in any position – even underwater
- Ø GS (geprüfte sicherheit) certified for tested safety
- Ø Temperature range 30⁰C to 150⁰C
- Ø Outstanding EP performance (>800kg weld load)
- Ø Excellent long life grease – extended relubrication periods

DIRECTIONS FOR USE

- Ø Prime the mounting point with Sapphire 1 before installing.
- Ø Select plug colour required and screw fully home until eyelet breaks off.
- Ø Screw unit onto a ¼" BSP female mounting point.

Technical and Safety Data Sheets are available from:

Fax Back Facility : +44 (0)113 232 2770
Web Site : www.rocol.com
Customer Service : +44 (0)113 232 2700

Issue 12710b: Jan-04

ROCOL Lubricants

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

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

www.rocol.com

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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.



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TECHNICAL DATA (typical values)

Yellow plug	1 month setting
Green plug	3 month setting
Red plug	6 month setting
Grey plug	12 month setting
Mounting thread size on Unilube	¼" BSP male
Maximum pressure build up	4 bar
<u>GREASE DETAILS</u>	
Appearance	Smooth, blue grease
NLGI number (IP 50) (ASTM D217)	NLGI No. 1
Base type	Mineral oil
Thickener	Multi-complex soap
Temperature range (Temperature range of unit)	-30°C to 150°C 0°C to 40°C
Base fluid viscosity at 40°C	180 cSt
Base fluid viscosity at 100°C	17 cSt
Shell 4 ball (IP 239) (ASTM D2596)	
Weld load	>800 kg
Wear load index	120 kg
Timken 'OK' load (IP 326)(ASTM D2509)	60lb
Copper corrosion test (IP 112)(ASTM D130)	1a
Emcor corrosion test (IP 220)	0:0
Water washout test (IP 215)(ASTM D1264)	4%
Storage	Storage temperature should be controlled to between 1 and 40 °C.
Pack sizes	100ml

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TECHNICAL DATA