SAPPHIRE LO-TEMP 2

Low temperature, long life, multi-purpose grease.
Designed for the effective lubrication and protection of all types of ball, roller and plain bearings at very low temperatures.

FEATURES

- Temperature range –50^{0}C to 120^{0}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
- Low start up and running torques at very low temperatures

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.

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

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ROCOL Lubricants

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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.

TECHNICAL DATA

SAPPHIRE LO-TEMP 2

TECHNICAL DATA (typical values)

Appearance	Smooth, beige grease
NLGI No. (IP 50)(ASTM D217)	NLGI No. 2
Base type	Semi-synthetic
Thickener	Multi-complex soap technology
Temperature range	-50^{0}C to 120^{0}C
Base fluid viscosity at 40^{0}C	69 cSt
Base fluid viscosity at 100^{0}C	8.5 cSt
Shell 4 ball (IP 239)(ASTM D2596)	
Weld load	>800 kg
Mean hertz load	128 kg
Copper Corrosion test (IP 112)(ASTM D130)	1a
Corrosion test - Emcor (IP 220)	0:0
Water Washout Test (IP 215)(ASTM D1264)	2%
Low Temp Start / Run Torque (IP186)	
-40^{0}C	700 g. cm / 450 g. cm
-50^{0}C	1137g. cm / 950 g. cm
Storage	Storage temperature should be controlled to between 1 and 40 °C.
Pack sizes	400g, 4.5kg, 18kg

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