



TECHNICAL DATA

SAPPHIRE MULTI-PURPOSE BEARING GREASE

**High performance long life
multi-purpose bearing
grease**

Description

ROCOL SAPPHIRE high performance multi-purpose bearing grease lasts 3 times longer than conventional multi-purpose bearing grease. Designed for the effective lubrication and protection of all types of ball, roller and plain bearings. Available in the new HANDI pack or AUTOLUBE, SAPPHIRE multi-purpose bearing grease is suitable for free manual or automatic greasing applications of moving parts, slides, hinges etc.

Outstanding Features

- Long life - extended lubrication periods
- Superior load carrying/wear resistance
- Good pumpability
- Wide temperature range

Directions for use

ROCOL SAPPHIRE MULTI-PURPOSE BEARING GREASE can be applied manually via the new unique HANDI applicator.

Alternatively ROCOL SAPPHIRE MULTI-PURPOSE BEARING GREASE may be applied automatically via the new ROCOL SAPPHIRE AUTOLUBE. The ROCOL SAPPHIRE AUTOLUBE is an electromechanical unit which is made of two parts:- a grease cartridge which is replaceable and a reusable drive unit. To install the unit simply follow the steps below:-

- Ensure the switch is in the OFF position.
- Unscrew the lid.
- On the drive unit you will see a circuit board with a dip switch simply set this to the required dispense period as illustrated on the product label.
- Replace the lid over the drive unit.
- Screw the lid manually. Take care that the lid fits closely with the grease cartridge.
- Take the cap off the grease cartridge unit.
- Turn the switch to the ON position with a coin.

ROCOL Limited

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responsibility



- Screw the ROCOL SAPPHIRE AUTOLUBE into the lubrication point.

For more detailed instructions please refer to the installation instructions supplied with your ROCOL SAPPHIRE AUTOLUBE.

SAPPHIRE MULTI-PURPOSE BEARING GREASE is compatible with other soap-thickened greases, however, for best results, the previous lubricant should be purged or cleaned off.

Technical Data

<i>Appearance</i>	: <i>Smooth, beige grease</i>
<i>Thickener</i>	: <i>Multi-complex soap</i>
<i>Base fluid</i>	: <i>Severely refined mineral oil</i>
<i>Base fluid viscosity</i>	
<i>at 100°C</i>	: <i>17cSt</i>
<i>at 40°C</i>	: <i>180cSt</i>
<i>NLGI No. (IP50)(ASTM D217)</i>	: <i>NLGI No. 1</i>
<i>Temperature range</i>	: <i>-30°C to +150°C</i>
<i>'4-ball' Weld load (IP 239) (ASTM D2596)</i>	: <i>> 800kg</i>
<i>Load wear index (IP 239) (ASTM D2596)</i>	: <i>120kg</i>
<i>Timken 'OK' Load (IP 326) (ASTM D2509)</i>	: <i>60kg</i>
<i>Copper corrosion test (IP 112) (ASTM D130)</i>	: <i>Emcor 0</i>
<i>Water washout test (IP 215) (ASTM D1264)</i>	: <i>4%</i>
<i>Storage</i>	: <i>Store in a cool/dry place</i>
<i>Shelf life</i>	: <i>3 years from date of manufacture</i>
<i>Pack Sizes</i>	: <i>HANDI 150ml</i>
	: <i>AUTOLUBE cartridge 120ml</i>

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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