

Technical Data



Performance you can trust

SAPPHIRE® Precision Lube Spray

High performance maintenance lubricant with PTFE

Product Overview

ROCOL® SAPPHIRE Precision Lube Spray is a high performance maintenance lubricant designed to provide excellent lubrication, penetration and protection in the widest range of applications.

SAPPHIRE Precision Lube Spray is a clean, non-toxic, highly penetrating lubricant which is free from chlorinated solvents.

SAPPHIRE Precision Lube Spray reduces friction in all moving parts including chains, threaded components, sliding surfaces etc.

Features and Benefits

- SAPPHIRE Precision Lube Spray has an extremely wide temperature range from as low as -55°C to +250°C.
- SAPPHIRE Precision Lube Spray has an outstanding high load, EP performance with a weld load of 315 kg.
- SAPPHIRE Precision Lube Spray is an ultra high performance universal maintenance lubricant which deposits a virtually colourless long lasting film for extended lubrication intervals.
- SAPPHIRE Precision Lube Spray contains PTFE as a solid lubricant to reduce the friction in the application.

Directions for Storage and Use

- Shake aerosol well before use.
- Apply from a distance of 15-30cm (6-12 inches).
- SAPPHIRE Precision Lube Spray can be sprayed from any angle due to 360° valve technology, enabling easy application of the product.
- It is recommended that compatibility with painted and coated surfaces, plastics and rubbers be tested prior to use.
- Use only in well ventilated areas.
- The storage temperature should be kept below +50°C, and the storage area should be out of direct sunlight.
- Shelf life is 2 years from date of manufacture.

Typical Applications

- Rolls Royce Specification – OMAT 1080A
- SAPPHIRE Precision Lube Spray is suitable for a wide range of applications such as chains, sliding surfaces, threaded components etc. commonly found in all types of industry.

Pack Sizes

Pack Size	Part Code
400ml	34341

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BS EN ISO 9001
Certificate No. FM 12448



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Property	Test Method	Result
Appearance of Applied Film	Visual	Almost colourless liquid
Base Type	N/A	Synthetic ester containing EP and anti-wear additives
Solids	N/A	PTFE
Temperature Range	N/A	-55°C to +250°C
Solvent	N/A	Hydrocarbon
Propellant	N/A	LPG (Hydrocarbon)
4-Ball Test:		
Weld Load	IP 239 – ASTM D2596	315kg
Scar Diameter 40kg for 1 hour	IP 239 – ASTM D2596	0.36mm
Scar Diameter 60kg for 15 minutes	IP 239 – ASTM D2596	0.56mm

Values quoted above are typical and do not constitute a specification.

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

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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