

Technical Data

Sapphire® 000

Triple Life Multi Purpose Grease

Description

ROCOL® SAPPHIRE 000 is a heavy duty semi fluid grease designed for effective lubrication and protection of all types of ball, roller and plain bearings.

SAPPHIRE 000 is a soft semi fluid grease developed for use in centralised lubrication systems where long pipe runs are inevitable.

Applications / Industries

- Ball Bearings
- Roller Bearings
- Gearboxes
- Manufacturing
- Heavy Industry
- Docks and Ports
- Rail
- Automotive
- Construction

Approvals

Volvo Construction Equipment

Approved for use in Interlube systems

Features & Benefits

- Offers an excellent wide temperature range of -30°C to +160°C
- Provides outstanding load carrying capability / EP performance
- Excellent corrosion resistance protecting in humid, wet conditions.
- Revolutionary multi-complex soap technology offering superior performance
- Highly tenacious lubricants, with outstanding film strength, ensure the lubricants remain in place even in severe operating conditions.
- Maintains integrity in extreme conditions and continue to protect over extended lubrication intervals, reducing equipment failure, downtime and lubricant usage.
- Blue in colour for high visibility in use.

Directions For Use

For best practice the storage temperature should be kept between 0°C and 40°C.

Shelf life is 3 years from date of manufacture.

Further Information

For pack sizes, part codes and safety data sheets please visit www.rocol.com or get in touch with our customer service team who will be happy to help: customer.service@rocol.com

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Property	Test Method	Result
Appearance	Visual	Smooth blue grease
SAPPHIRE 2 NLGI No.	IP 50 – ASTM D217	000
Base Type	N/A	Severely refined mineral oil
Base Fluid Viscosity at 40°C	IP 71	180cSt
Base Fluid Viscosity at 100°C	IP 71	17cSt
Thickener	N/A	Multi-complex soap technology
Temperature Range	N/A	-30°C to +160°C
4-Ball Weld Load	IP239 – ASTM D2596	620kg
Mean Hertz Load	IP239 – ASTM D2596	65kg
Timken 'OK' Load	IP 326 – ASTM D2509	50 lb
Copper Corrosion Test	IP 112 – ASTM D130	1a

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

Issue 3 Date: 12/20

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