Technical Data

Performance you can trust

RT15

Perfluoropolyether based grease suitable for a wide range of applications

Product Overview

ROCOL® RT15 is an oxygen compatible lubricant which lengthens relubrication periods dramatically due to its ability to resist degradation in hostile conditions.

ROCOL RT15 is used in gearboxes, anti-friction and plain bearings, or any sliding surface such as pins, valves, plungers, screws etc. Its resistance against aggressive chemicals and strong oxidising agents makes it a natural choice for use in the chemical, dry cleaning, food and related industries.

ROCOL RT15 is an extreme high load lubricant, for a wide range of aggressive environments, which will not have a detrimental effect on rubbers, plastics or metals.

Features and Benefits

- ROCOL RT15 has an excellent wide temperature range from -20°C to +280°C.
- ROCOL RT15 is an oxygen resistant, non-toxic lubricant with an extremely high oxidation and thermal resistance.
- The product has an exceptionally long service life providing excellent cost effectiveness from extended lubrication intervals, reduced downtime and reduced labour costs.
- ROCOL RT15 has outstanding extreme pressure (EP) performance with a weld load of 620 kg.
- This product is designed primarily for extreme applications in aggressive environments, however, it is also used where a long life or a lubricated for life application exists.

Directions for Storage and Use

- ROCOL RT15 can be applied manually or by other methods suitable for dispensing NLGI No. 2 greases.
- ROCOL RT15 is compatible with other perfluoropolyether greases. However, for best results it is recommended that the bearings should be purged of the previous lubricant prior to application.
- If the previous lubricant used was not perfluoropolyether based, it is important to ensure that the bearings are fully cleaned with a suitable solvent, for example ROCOL INDUSTRIAL CLEANER Rapid Dry Spray, before charging with ROCOL RT15.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 5 years from date of manufacture.

Typical Applications

Approved to:

DTD 900/6081 (AFS 1736A)

NATO 9150-99-225-0924

ROCOL RT15 is designed for use in many applications and can be used in every major industry such as chemical, electronic, mechanical, military and aerospace.

Pack Sizes

Pack Size	Part Code
400g	39043

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FM 12448 EMS 67596 OHS 78173

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Property	Test Method	Result
Appearance	Visual	Soft white grease
NLGI Number	IP 50 (ASTM D217)	2
Base Type	N/A	Perfluoropolyether
Base Fluid Viscosity at 20°C	IP 71	1000 – 2000cSt
Thickener	N/A	PTFE
Temperature Range	N/A	-20°C to +280°C
4-Ball weld Load	IP 239 (ASTM D2596)	620kg
Specific Gravity	N/A	1.91
B.A.M. Oxygen Impact Test – Limit Pressure	N/A	130 bar at 60°C
Solvent Resistance	N/A	Most solvents
Chemical Resistance	N/A	Most acids
Soluble in:	N/A	Fluorinated solvents

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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