Technical Data

Performance you can trust

DETEX PATENT PENDING

PUROL™

NSF ISO 21469 Certified

3H direct food contact, multifunctional, extreme pressure (EP) grease

Product Overview

- ROCOL PUROL is a white, non-toxic lubricant designed for the effective lubrication and protection of seals, guides, bearings and blades particularly those operating in food, pharmaceutical and other clean environments where direct food contact is inevitable.
- ROCOL PUROL is particularly suitable for seals, mincer plates, mixers and slicers where food contact cannot be avoided.
- ROCOL PUROL is manufactured under controlled conditions necessary for the production of a 3H full food contact lubricant.

Features and Benefits

- ROCOL PUROL offers an excellent wide temperature resistance of -10°C to +110°C.
- ROCOL PUROL cartridges have metal detectable plastic components (end caps) capable of detection by most metal detection equipment.
- It exhibits excellent EP performance with a 4-ball weld load of 355 kg.
- ROCOL PUROL has good oxidation stability resulting in extended relubrication intervals and a reduction in lubricant usage.
- ROCOL PUROL is ideal for use as a direct food contact release agent as well as a lubricant for seals.

Directions for Storage and Use

- ROCOL PUROL is primarily applied manually; however it can be applied by a suitable cleaned grease gun, keg pump.
- ROCOL PUROL should not be mixed with any other lubricant as cross contamination may void the 3H registration. All traces of any previous lubricants should be removed prior to application.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 3 years from date of manufacture.

Typical Applications

- ROCOL PUROL does not contain: animal derived materials, nut oils or genetically modified ingredients.
- ROCOL PUROL is manufactured from only FDA listed ingredients:
- FDA Group 21 CFR 178.3570
- ROCOL PUROL is NSF registered:
- NSF 3H registered - 143392
- NSF H1 registered - 143392
- ISO 21469 certified

Pack Sizes

Pack Size	Part Code
370g	15611
4kg	15616

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ROCOL A division of ITW Ltd

FM 12448 EMS 67596 OHS 78173

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Property	Test Method	Result
Appearance	Visual	White grease
Base Type	N/A	White oil
Base Fluid Viscosity at 40°C	IP71 – ASTM D445	100cSt
Thickener	N/A	Non-soap
Solids	N/A	White, non-toxic solids
Temperature Range	N/A	-10°C to +110°C
4-Ball Weld Load	IP 239 – ASTM D2596	355kg
Copper Corrosion Test	IP 112 – ASTM D130	1b
NSF Registration	N/A	3H & H1

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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