



ISO 21469 Certified

RAPID DEMULSE 220

Food grade, high performance, demulsifying gearbox fluid

Product Overview

ROCOL® RAPID DEMULSE 220 is a non-toxic, ISO VG 220, high performance gearbox lubricant particularly designed for applications where water ingress into the gearbox is inevitable.

A typical application is in water cooled homogenisers. The RAPID DEMULSE 220 rapidly splits from the water enabling the water to be drained from the gearbox periodically, leaving the oil to continue lubricating.

RAPID DEMULSE 220 extends service life between oil changes as conventional oils emulsify into a creamy, frothy mix. This does not lubricate effectively, necessitating a premature oil change, which results in excessive oil and labour costs together with frequent, unnecessary downtime.

RAPID DEMULSE 220 is ideal for use in food, pharmaceutical and other clean environments where NSF H1 lubricants are required.

Features and Benefits

- RAPID DEMULSE 220 offers an excellent wide temperature resistance of -5°C to +130°C.
- RAPID DEMULSE 220 has excellent demulsification properties for rapid separation from water.
- High performance oil formulated to maximise lubricant lifetime, even under conditions of high load and elevated temperature.
- Non-toxic, NSF H1 registered oil for use where incidental contact with foodstuffs may occur.
- RAPID DEMULSE 220 is a clean low odour product.

Directions for Storage and Use

- For optimum performance drain & flush prior to filling with RAPID DEMULSE 220.
- Additive packages are not required with RAPID DEMULSE 220 due to its inherent extreme pressure (EP) Performance.
- Regularly drain the water from the system to ensure optimum performance.
- RAPID DEMULSE 220 is only suitable for use in systems where water can be drained off regularly.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 3 years from date of manufacture.

Specifications

- RAPID DEMULSE 220 does not contain: animal derived materials, nut oils or genetically modified ingredients.
- RAPID DEMULSE 220 is manufactured from only FDA listed ingredients:
 - FDA Group 21 CFR 178.3570
- RAPID DEMULSE 220 is NSF registered:
 - NSF H1 registered – 140252
- ISO 21469 certified

Pack Sizes

Pack Size	Part Code
20L	15965
200L	15969





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Property	Test Method	Result
Appearance	Visual	Pale yellow liquid
Base Type	N/A	High purity base fluid
Kinematic Viscosity at 40°C	IP 71 (ASTM D445)	220cSt
Odour	N/A	Barely perceptible
Temperature Range - Standard	N/A	-5°C to +130°C
Flash Point	ASTM D92	>240°C
Specific Gravity	N/A	0.88

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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