

REFRIGERATION Compressor Oil

High quality oil for reciprocating and screw refrigeration compressors

Product Overview

ROCOL® REFRIGERATION Compressor Oil is designed to operate at extremely low temperatures whilst minimising the buildup of varnish, sludge and waxy deposits which can block filters and affect the performance and efficiency of refrigeration compressors.

ROCOL REFRIGERATION Compressor Oil is suitable for both screw and reciprocating refrigeration compressors.

ROCOL REFRIGERATION Compressor Oil is suitable for ammonia and most other commonly used refrigerants.

Features and Benefits

- ROCOL REFRIGERATION Compressor Oil has an extremely low pour point of -45°C.
- It has been developed with an intermediate viscosity of 51 cSt at 40°C to replace both ISO VG 46 and ISO VG 68 oils..
- ROCOL REFRIGERATION Compressor Oil has good compatibility with materials used in refrigeration systems for increased pump reliability and efficiency.
- It exhibits high thermal stability with low volatility for a long service life.
- ROCOL REFRIGERATION Compressor Oil is extremely low waxing when operating at extreme low temperatures whilst proving to be highly resistant to carbonisation at the high temperature end.
- Can be recirculated offering major cost savings over conventional oils that are used as total loss.

Directions for Storage and Use

- Compressor systems should be flushed and drained prior to filling with ROCOL REFRIGERATION Compressor Oil.
- Although ROCOL REFRIGERATION Compressor Oil is compatible with mineral oil based products the performance will be impaired if mixed.
- For optimum performance drain & flush the compressor sump prior to filling with ROCOL REFRIGERATION Compressor Oil.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 3 years from date of manufacture.

Typical Applications

- All types of screw and reciprocating refrigeration compressors where ammonia and most other types of commonly used refrigerants are in use.
- Ideal for refrigeration compressors with oil recirculating systems fitted. Standard compressor oils are usually total loss due to the degraded condition of the oil. However, it has been proven that the ROCOL REFRIGERATION Compressor Oil keeps systems clean and is in a reusable condition making it ideal for systems that recirculate the oil.

Pack Sizes

Pack Size	Part Code
200L	31009

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Property	Test Method	Result
Appearance	Visual	Yellow-brown liquid
Base Type	N/A	Semi-synthetic
Kinematic Viscosity at 40°C	IP 71 (ASTM D445)	51cSt
Odour	N/A	Barely perceptible
Pour Point	N/A	-45°C
Specific Gravity	N/A	0.82

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.

Issue: 2 Date: 02-11

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