Technical Data

Performance you can trust

FOODLUBE® HI-POWER RANGE



ROCO

Hydraulic, compressor & airline oils - ISO VG 22, 32, 46, 68, 100

Product Overview

The ROCOL[®] FOODLUBE HI-POWER oils are high performance, combined hydraulic, compressor and airline lubricants designed for most types of air compressors, hydraulic systems and airline lubricator bottles. Available in viscosity grades: ISO VG 22, 32, 46, 68, 100.

FOODLUBE HI-POWER 32 is ideal for sub-zero gearboxes and chains down to -50°C depending on the application.

The FOODLUBE HI-POWER oils are highly thermally stable and are designed to give superior service life. The incorporated LCO (Low Carry Over) system ensures maximum compressor efficiency.

The non-toxic properties of the FOODLUBE HI-POWER range make it ideal for use in food, pharmaceutical and other clean environments where NSF H1 lubricants are required.

Features and Benefits

- FOODLUBE HI-POWER oils offers an excellent wide temperature resistance, specific temperature range is dependent on viscosity.
- They can be used down to -50°C and up to 120°C depending on viscosity grade and application.
- FOODLUBE HI-POWER oils contain a unique Low Carry Over (LCO) system for optimum compressor performance.
- They have a special antioxidant combination to give high thermal stability providing longer fluid life with lower deposit, sludge and varnish formation.
- FOODLUBE HI-POWER oils exhibit extremely low foaming tendencies combined with excellent antiwear properties give reduced wear and longer machine life.

Directions for Storage and Use

- For optimum performance drain & flush prior to filling with ROCOL FOODLUBE HI-POWER oils.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 3 years from date of manufacture.

Specifications

- FOODLUBE HI-POWER oils do not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.
- FOODLUBE Hi-Power oils are manufactured from only FDA listed ingredients: FDA Group 21 CFR 178.3570
- FOODLUBE HI-POWER oils are NSF registered:
- FOODLUBE HI-POWER 22 122180
- FOODLUBE HI-POWER 32 122181
- FOODLUBE HI-POWER 46 122182
- FOODLUBE HI-POWER 68 122183
- FOODLUBE HI-POWER 100 122184
- ISO 21469
- Halal certified
- Kosher certified

Pack Sizes

| Pack Size | Part Code | | |
|-------------------|-----------|-------|-------|
| FOODLUBE HI-POWER | 5L | 20L | 200L |
| 22 | 15796 | 15795 | 15799 |
| 32 | 15896 | 15895 | 15899 |
| 46 | 15996 | 15995 | 15999 |
| 68 | 16006 | 16005 | 16009 |
| 100 | 15946 | 15945 | 15949 |

ROCOL A division of IT W Ltd





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| Property | Test Method | Result | | |
|----------------------------|------------------|----------------------------------------|---------|-----|
| Appearance | Visual | Pale yellow, almost colourless, liquid | | |
| Base Type | N/A | Polyalphaolefin | | |
| Base Fluid Viscosity & VI; | | 40°C | 100°C | VI |
| FOODLUBE HI-POWER 22 | IP71 - ASTM D445 | 21.8cSt | 4.8cSt | 147 |
| FOODLUBE HI-POWER 32 | IP71 - ASTM D445 | 31.4cSt | 6.1cSt | 146 |
| FOODLUBE HI-POWER 46 | IP71 - ASTM D445 | 45.4cSt | 7.8cSt | 142 |
| FOODLUBE HI-POWER 68 | IP71 - ASTM D445 | 63.9cSt | 10cSt | 142 |
| FOODLUBE HI-POWER 100 | IP71 - ASTM D445 | 97.4cSt | 13.7cSt | 142 |
| Temperature Range; | | | | ^ |
| FOODLUBE HI-POWER 22 | N/A | - 50°C to + 110°C | | |
| FOODLUBE HI-POWER 32 | N/A | - 50°C to + 120°C | | |
| FOODLUBE HI-POWER 46 | N/A | - 35°C to + 120°C | | |
| FOODLUBE HI-POWER 68 | N/A | - 30°C to + 120°C | | |
| FOODLUBE HI-POWER 100 | N/A | - 20°C to + 120°C | | |

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

FOODLUBE HI-POWER RANGE is produced at a Halal Control Certified Site (Swillington UK) and is certified as Halal only where the Halal Control Logo is displayed on the product label (certificate registration number C-912-350-05-01/1).

Safety Data Sheets

Safety data sheets are available for download from our website <u>www.rocol.com</u> 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: 6 Date: 10-17

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