



ISO 21469 Certified

FOODLUBE® Hi-Power

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.

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 of -20°C to +100°C.
- 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 anti-wear 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 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



Technical Data

ROCOL®

Performance you can trust

FOODLUBE® Hi-Power



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

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	22cSt	4.5cSt	118
FOODLUBE® Hi-Power 32	IP71 - ASTM D445	32cSt	5.8cSt	125
FOODLUBE® Hi-Power 46	IP71 - ASTM D445	46cSt	7.8cSt	139
FOODLUBE® Hi-Power 68	IP71 - ASTM D445	68cSt	9.4cSt	116
FOODLUBE® Hi-Power 100	IP71 - ASTM D445	100cSt	13.6cSt	136
Temperature Range - Standard	N/A	-20°C to +100°C		
Extreme low temperatures (Contact Technical Department to discuss specific applications)	N/A	FOODLUBE® Hi-Power 22 & 32 can be used down to -50°C depending on application		
Extreme high temperatures (Contact Technical Department to discuss specific applications)	N/A	FOODLUBE® Hi-Power 46, 68 & 100 can be used up to +120°C depending on application		

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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ROCOL A division of **ITW** Ltd



BS EN ISO 9001
Certificate No. FM 12448



BS EN ISO 14001
Certificate No. EMS 67596



OHSAS 18001
Certificate No. OHS 78173



INVESTORS
IN PEOPLE



SAFETY DATA SHEET
FOODLUBE HI-POWER RANGE

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Compilation date: 12/09/2011

Revision No: 3

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: FOODLUBE HI-POWER RANGE

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Hydraulic and Compressor Oils

1.3. Details of the supplier of the safety data sheet

Company name: ROCOL

ROCOL House

Swillington

Leeds

West Yorkshire

LS26 8BS

ENGLAND

Tel: +44 (0) 113 232 2700

Fax: +44 (0) 113 232 2740

Email: customer-service@rocol.com

1.4. Emergency telephone number

Emergency tel: +44 (0) 113 232 2600

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: This product has no classification under CHIP.

2.2. Label elements

Label elements under CHIP:

Hazard symbols: No significant hazard.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Contains: NON-HAZARDOUS SUBSTANCE1 - 100%

Section 4: First aid measures

[cont...]

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FOODLUBE HI-POWER RANGE

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4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: No symptoms.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Use water spray to cool containers. Alcohol or polymer foam. Dry chemical powder.
Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Avoid the formation or spread of mists in the air.

[cont...]

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: Not applicable.

8.2. Exposure controls

Respiratory protection: Respiratory protection not normally required.

Hand protection: Protective gloves.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Barely perceptible odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Viscosity: Oily

Flash point°C: > 150

Autoflammability°C: > 200

Relative density: 0.85

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Heat. Direct sunlight.

[cont...]

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10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong reducing agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: Not applicable.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable.

12.2. Persistence and degradability

Persistence and degradability: Only slightly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Slightly bioaccumulable.

12.4. Mobility in soil

Mobility: Non-volatile. Insoluble in water. Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

[cont...]

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Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: Contains only FDA listed ingredients. NSF H1 registered.

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Compiled in accordance with REACH.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.