

Chain and Drive Fluid

High performance EP chain and conveyor lubricant

Product Overview

ROCOL® Chain and Drive Fluid is a high performance chain and conveyor lubricant designed to effectively penetrate, lubricate and protect against corrosion.

ROCOL Chain and Drive Fluid is also available in aerosol form – see Chain and Drive Spray, as well as Chainguard Hi-Load Spray which contains MoS₂ for extra heavy duty applications such as fork lift truck chains.

Features and Benefits

- ROCOL Chain and Drive Fluid has a wide temperature range of -15°C to +120°C.
- ROCOL Chain and Drive Fluid offers outstanding EP performance with a weld load of 250 kg.
- ROCOL Chain and Drive Fluid exhibits excellent penetration into the links and pins of the chain.
- ROCOL Chain and Drive Fluid has a tenacious water resistant film that protects all types of chains in wet or humid environments.
- ROCOL Chain and Drive Fluid offers excellent corrosion protection on chains in hostile environments.
- The applied film of ROCOL Chain and Drive Fluid has good adhesion, reducing dripping and throw-off.

Directions for Storage and Use

- ROCOL Chain and Drive Fluid has been designed for application by automatic lubricators and should be used in accordance with the lubricator manufacturer's instructions.
- ROCOL Chain and Drive Fluid can also be applied directly to the chain by brush or oil can if desired.
- Also available in aerosol form as Chain and Drive Spray or molybdenum disulphide reinforced Chainguard Hi-Load Spray for heavier loaded applications.
- The storage temperature for ROCOL Chain and Drive Fluid should be controlled between +1°C and +40°C.
- The shelf life of ROCOL Chain and Drive Fluid is 3 years from date of manufacture.

Typical Applications

- ROCOL Chain and Drive Fluid is ideal for all types of chain and conveyor applications found throughout industry including those in aggressive or hostile environments.

Pack Sizes

| Pack Size | Part Code |
|-----------|-----------|
| 5L | 22306 |
| 20L | 22309 |

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| Property | Test Method | Result |
|--|---------------------|-------------------------|
| Appearance | Visual | Amber oily liquid |
| Base Type | N/A | Mineral oil |
| Base Fluid Viscosity at 40°C | IP 71 | 131cSt |
| Base Fluid Viscosity at 100°C | IP 71 | 15cSt |
| Viscosity Index | N/A | 118 |
| Performance Additives | N/A | EP |
| 4-Ball Weld Load | IP 239 – ASTM D2596 | 250kg |
| Mean Hertz Load | IP 239 – ASTM D2596 | 58.6kg |
| Temperature Range | N/A | -15°C to +120°C |
| Pour Point | IP 15 | -24°C |
| Salt spray Corrosion Resistance 35°C | ASTM B-117 | No corrosion (24 hours) |
| Water Spray for 7 days | N/A | 1% |
| Humidity Cabinet Test 1000 hours at 40°C (100% RH) | ASTM D2247 | 1% |

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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T +44 (0) 113 232 2600
 F +44 (0) 113 232 2740
 E customer-service@rocol.com
www.rocol.com

ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67
 Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

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