

FLO-LINE® 100

High temperature chain oil

Product Overview

ROCOL® FLO-LINE 100 is a new generation lubricant specially designed for the lubrication of chain systems on plaster board manufacturing lines.

ROCOL FLO-LINE 100 is formulated from a combination of synthetic esters and a special antioxidant package which ensures the highest performance in terms of thermal stability, low evaporation loss and minimal deposit formation.

ROCOL FLO-LINE 100 can be used as a lower viscosity changeover or flushing oil for high temperature lubrication systems. It is compatible and suitable for systems using ROCOL FLO-LINE 700.

Directions for Storage and Use

- ROCOL FLO-LINE 100 should be stored unopened in the original container, between +1°C and +40°C.
- If ROCOL FLO-LINE 100 is stored in accordance with the above guidelines, shelf life is 3 years from date of manufacture.
- ROCOL FLO-LINE 100 has been designed for application by automatic lubricators and should be used in accordance with the lubricator manufacturer's instructions.
- The compatibility of ROCOL FLO-LINE 100 with other chain oils should be checked before mixing.

Features and Benefits

- ROCOL FLO-LINE 100 has a special antioxidant combination that gives a longer wet film life with lower deposit and varnish formation.
- ROCOL FLO-LINE 100 demonstrates a low viscosity increase at elevated temperatures eliminating the risk of tube blockage on automatic lubrication systems.
- The superior anti-wear properties of ROCOL FLO-LINE 100 minimises frictional heat generation on chain systems, improving chain system efficiency.
- ROCOL FLO-LINE 100 penetrates into the links and pins providing high performance lubrication in the highest potential wear areas.
- The excellent frictional properties give reduced power consumption on chain drive units.
- ROCOL FLO-LINE 100 has a very low evaporation rate giving good economy in use.
- Low fuming provides a clean working environment.

Pack Sizes

Pack Size	Part Code
20L	22402
200L	22403

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Property	Test Method	Result
Colour	Visual	Yellow liquid
Base Oil Type	N/A	Synthetic ester mixture
Kinematic Viscosity:		
cSt @ 40°C	IP 71 (ASTM D445)	95
cSt @ 100°C	IP 71 (ASTM D445)	12
Viscosity Index	ASTM D2270	118
Temperature range	N/A	10°C to 250°C
Moisture Content (ppm)	Karl-Fischer	<300
Density (g/cm ³)	N/A	0.98
Flash Point (°C) COC	ASTM D93	>300
Copper Corrosion	IP 112 – ASTM D130	1b
Evaporation Test 200°C % Loss	Oven	2.8
Oxidation Point (°C)	DSC Onset	325

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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