

## FLO-LINE® 150

### High temperature chain oil with graphite

#### Product Overview

ROCOL® FLO-LINE 150 is a new generation lubricant specially designed for the lubricant of tenter frames and similar, arduous chain systems.

ROCOL FLO-LINE 150 is formulated from a combination of synthetic esters, lubricating solids and a special antioxidant package which ensures the highest performance in terms of high load carrying, thermal stability, low evaporation loss and minimal deposit formation.

#### Directions for Storage and Use

- ROCOL FLO-LINE 150 should be stored unopened in its original container.
- The storage temperature should be between +1°C and +40°C.
- If ROCOL FLO-LINE 150 is stored in accordance with the above guidelines, shelf life is 3 years from date of manufacture.
- ROCOL FLO-LINE 150 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 150 with other chain oils should be checked before mixing.

#### Features and Benefits

- ROCOL FLO-LINE 150 has a special antioxidant combination that gives a longer wet film life with lower deposit and varnish formation.
- ROCOL FLO-LINE 150 demonstrates a low viscosity increase at elevated temperatures eliminating the risk of tube blockage on automatic lubrication systems.
- The superior EP performance of ROCOL FLO-LINE 150 minimises wear and frictional heat generation on chain systems, improving chain system efficiency.
- ROCOL FLO-LINE 150 penetrates into the links and pins providing high performance lubrication in the highest potential wear areas.
- ROCOL FLO-LINE 150 contains graphite for improved load carrying and wear resistance.
- The excellent frictional properties give reduced power consumption on chain drive units.
- ROCOL FLO-LINE 150 has a very low evaporation rate giving good economy in use.
- Low fuming provides a clean working environment.

#### Pack Sizes

Pack Size	Part Code
200L	22410

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Property	Test Method	Result
Appearance	Visual	Black liquid
Base Oil Type	N/A	Synthetic ester blend
Kinematic Viscosity:		
cSt at 40°C	IP71 (ASTM D445)	95
cSt at 100°C	IP71 (ASTM D445)	12
Viscosity Index	ASTM D2270	118
Solids	N/A	Graphite
Temperature Range	N/A	+10°C to +250°C
Moisture Content	Karl-Fischer	<250
Density (g/cm <sup>3</sup> )	N/A	0.98
Flash Point (°C) COC	ASTM D93	>300
Copper Corrosion	IP112 – 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](http://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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