

Performance you can trust

FLO-LINE® 500



Specially designed for BRÜCKNER sliding chains and chain pins

Product Overview

ROCOL® FLO-LINE 500 is a chain lubricant specially designed for BRUCKNER sliding chain systems.

ROCOL FLO-LINE 500 has been developed in conjunction with BRUCKNER to give a long wet film life at temperatures up to 250°C.

Due to the inherent high oxidation stability of ROCOL FLO-LINE 500 there is no viscosity increase at elevated temperatures eliminating the risk of tube blocking on automatic lubricating equipment.

ROCOL Flo-Line 500 is suitable for use on modern chain construction and for high speed operation.

ROCOL FLO-LINE 500 cleans and penetrates into chain pins and keeps oil ways free from contamination.

Features and Benefits

- ROCOL FLO-LINE 500 has a special antioxidant combination that gives a longer wet film life with lower deposit and varnish formation.
- ROCOL FLO-LINE 500 demonstrates a low viscosity increase at elevated temperatures eliminating the risk of tube blockage on automatic lubrication systems.
- ROCOL FLO-LINE 500 penetrates into the links and pins providing excellent load carrying and anti-wear properties on sliding elements & pins.
- The excellent frictional properties give reduced power consumption on chain drive units.
- ROCOL FLO-LINE 500 exhibits low fuming potential thereby providing a cleaner working environment.

Directions for Storage and Use

- ROCOL FLO-LINE 500 should be stored unopened in the original container.
- The storage temperature of ROCOL Flo-Line 500 should be between +1°C and +40°C.
- If ROCOL FLO-LINE 500 is stored in accordance with the above guidelines, shelf life is 3 years from date of manufacture.
- ROCOL FLO-LINE 500 has been designed for application by automatic lubrication systems and should be used in accordance with the lubricator manufacturer's instructions.
- The compatibility of ROCOL FLO-LINE 500 with other chain oils should be checked before mixing.
- IMPORTANT: Due to the unique anti-wear package in ROCOL Flo-Line 500, BRÜCKNER advise that the filter in the TDO chain lubrication system is increased to 60 micron.

Specifications

- FLO-LINE 500 does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.
- NSF H2 registered - 143334

Pack Sizes

Pack Size	Part Code
5L	22406
200L	22409

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Property	Test Method	Result
Colour	Visual	Green/blue fluid
Base Oil Type	N/A	Synthetic ester
Kinematic Viscosity:		
cSt @ 40°C	IP 71 (ASTM D445)	360
cSt @ 100°C	IP 71 (ASTM D445)	27
Viscosity Index	ASTM D2270	110
Temperature range	N/A	10°C to 250°C
Density (g/cm ³)	N/A	0.98
Flash Point (°C) COC	ASTM D93	>250°C
Fire Point		>300°C
Auto-ignition temperature		>400°C
Evaporation loss: 24hrs @ 250°C		7%
4-ball weld load	IP 239 – ASTM D2596	225kg
4-ball wear load index	IP 239 – ASTM D2596	39kg

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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