

FLO-LINE® 600

High temperature chain oil for the lubrication of BRÜCKNER TDO chains

Product Overview

ROCOL® FLO-LINE 600 has been specially designed for lubricating the chain pins on BRÜCKNER TDO chains adopting the roller system with Continuous Bearing Contact (CBC).

ROCOL FLO-LINE 600 is based on a new synthetic ester and additive combination designed to give a long wet film life at temperatures up to 250°C.

Due to the inherent high oxidation stability of ROCOL FLO-LINE 600 there is no viscosity increase at elevated temperatures eliminating the risk of tube blocking on automatic lubricating equipment.

ROCOL Flo-Line 600 is suitable for use on modern chain construction and for high speed operation.

ROCOL FLO-LINE 600 cleans and penetrates into chain pins and keeps oil ways free from contamination.

Features and Benefits

- ROCOL FLO-LINE 600 has a very low rate of evaporation which provides a long wet film life at high temperatures.
- ROCOL FLO-LINE 600 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 600 minimises frictional heat generation on rail systems allowing higher production speeds.
- ROCOL FLO-LINE 600's added load carrying properties provide excellent anti-wear protection of the pins and MONORAIL.
- Will not form hard carbon deposits in the oilways or on the chain pins and bearings.

Directions for Storage and Use

- ROCOL FLO-LINE 600 should be stored unopened in the original container.
- The storage temperature of ROCOL Flo-Line 700 should be between +1°C and +40°C.
- If ROCOL FLO-LINE 600 is stored in accordance with the above guidelines, shelf life is 3 years from date of manufacture.
- ROCOL FLO-LINE 600 has been designed for application by automatic lubricators and should be used in accordance with the lubricator manufacturer's instructions.
- Whilst ROCOL FLO-LINE 600 is compatible with most other synthetic high temperature chain fluids previously recommended by Brückner, care should still be taken to ensure that the lubricator reservoirs are cleaned of previous makes of fluid prior to filling with FLO-LINE 600. Ensure pipe work is free from blockages prior to use.
- IMPORTANT: Due to the unique anti-wear package in ROCOL Flo-Line 600, BRÜCKNER advise that the filter in the TDO chain lubrication system is increased to 60 micron.

Typical Applications

ROCOL® FLO-LINE 600 has been specially designed for lubricating the chain pins on BRÜCKNER TDO chains adopting the roller system with Continuous Bearing Contact (CBC).

Pack Sizes

Pack Size	Part Code
20L	22415
200L	22419

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Property	Test Method	Result
Colour	Visual	Green 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	250kg
4-ball wear load index	IP 239 – ASTM D2596	41kg

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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