

FLO-LINE® 700 PLUS

High temperature chain oil

Product Overview

ROCOL® FLO-LINE 700 PLUS is the latest generation chain lubricant specially designed for BRUCKNER sliding systems. ROCOL FLO-LINE 700 PLUS has been developed in conjunction with BRUCKNER to meet the requirements of higher speed (>450m/min) and heavier loaded machines.

ROCOL FLO-LINE 700 PLUS 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.

Features and Benefits

- ROCOL FLO-LINE 700 PLUS uses a combination of advanced esters with extremely high thermal stability giving very low deposit formation.
- ROCOL FLO-LINE 700 PLUS has a special antioxidant combination designed to give longer wet film life and minimize deposit and varnish formation.
- ROCOL FLO-LINE 700 PLUS demonstrates a low viscosity increase at elevated temperatures eliminating the risk of tube blockage on automatic lubrication systems.
- The superior frictional properties of steel on sliding material (PEK) reduces the generation of frictional heat on the rail system, allowing higher production speeds.
- ROCOL FLO-LINE 700 PLUS 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.

Directions for Storage and Use

- ROCOL FLO-LINE 700 PLUS should be stored unopened in the original container.
- The storage temperature of ROCOL FLO-LINE 700 PLUS should be between +1°C and +40°C.
- If ROCOL FLO-LINE 700 PLUS is stored in accordance with the above guidelines, shelf life is 3 years from date of manufacture.
- ROCOL FLO-LINE 700 PLUS 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 700 PLUS with other chain oils should be checked before mixing.

Specifications

- ROCOL FLO-LINE 700 PLUS is approved by BRUCKNER for higher speed and heavily loaded stenter chains.

Pack Sizes

Pack Size	Part Code
200L	22710
IBC	22711

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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)	290
cSt @ 100°C	IP 71 (ASTM D445)	23
Viscosity Index	ASTM D2270	98
Temperature range	N/A	10°C to 250°C
Moisture Content (ppm)	Karl-Fischer	<250
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	2.1
Oxidation Point (°C)	DSC Onset	330

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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