

# Technical Data

## FOODLUBE® XT CHAIN Fluid

### Food grade, high temperature chain and conveyor lubricant



Nonfood Compounds  
Program Listed: H1  
ISO 21469 Certified

#### Description

ROCOL® FOODLUBE XT Chain fluid is a NSF H1, ester based, high temperature chain oil ideal for lubrication of oven and dryer chains operating at temperatures up to 280°C.

FOODLUBE XT Chain Fluid 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.

The low evaporation of FOODLUBE XT Chain Fluid gives extended re-lubrication intervals and is economical in use.

#### Applications / Industries

- Chains
- Conveyors
- Rollers
- Pins
- Links
- Baking
- Canning

#### Approvals / Specifications

- Does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.
- Manufactured from only FDA listed ingredients:
  - FDA Group 21 CFR 178.3570
- NSF H1 registered – 148169
- ISO 21469
- Halal certified
- Kosher certified
- Vegan Society Approved
- Rocol unique TPM number – 57

#### Features & Benefits

- Offers an excellent high and wide temperature resistance of 0°C to +280°C
- Excellent anti-wear properties particularly at high temperature gives reduced wear and longer chain life.
- Penetrates into links and pins lubricating in the highest potential wear areas.
- Low evaporation and usage gives good economical use.
- Special antioxidant combination gives longer wet film life with lower deposit and varnish formation.
- Keeps oil ways clear for more efficient lubrication.
- Low fuming provides a clean working environment.
- Ideal for use in electrostatic lubrication systems.
- Free from any paint wetting impairment substances (PWIS)

#### Directions For Use

FOODLUBE XT Chain Fluid should be stored unopened in the original container.

Storage temperature should be between +1°C and +40°C.

If stored in accordance with the above guidelines, shelf life is 3 years from date of manufacture.

FOODLUBE XT Chain Fluid has been designed for application by automatic lubricators and should be used in accordance with the lubricator manufacturer's instructions. Can be applied directly to the chain by brush or oilcan if required.

FOODLUBE XT Chain Fluid is compatible with most ester based oils.

#### Further Information

For pack sizes, part codes and safety data sheets please visit [www.rocol.com](http://www.rocol.com) or get in touch with our customer service team who will be happy to help: [customer.service@rocol.com](mailto:customer.service@rocol.com)

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Property	Test Method	Result
Colour	Visual	Pale straw coloured liquid
Base Oil Type	N/A	Synthetic ester mixture
Kinematic Viscosity:	N/A	
cSt @ 40°C	IP 71 - ASTM D445	120
cSt @ 100°C	IP 71 - ASTM D445	13.5
Viscosity Index	ASTM D2270	108
4 Ball Wear Scar (mm)	IP239 – ASTM D2596	0.412
Temperature range	N/A	0°C to 280°C
Moisture Content (ppm)	N/A	<250
Density (g/cm <sup>3</sup> )	N/A	0.963
Flash Point (°C) COC	ASTM D93	>300
Copper Corrosion	IP 112 – ASTM D130	1b
Evaporation Loss at 200°C	N/A	1% in 6 hours
Oxidation Test DSC Onset (°C)	N/A	310

Values quoted above are typical and do not constitute a specification.

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