

## FOODLUBE® XT Chain Fluid

Food grade, high temperature chain and conveyor lubricant



Nonfood Compounds  
H1 Registered  
ISO 21469 Certified  
NSF 537 PFAS-Free Certified

### Description

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

- Chains & conveyors
- Rollers
- Pins & links
- Baking & canning

### Usage Guidance

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 oil can if required.

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

### Pack Sizes

Part Code	Pack Size
15800	20 L
15801	200 L

### Features and 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 can reduce consumption.
- 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)

### Storage Guidance

FOODLUBE XT Chain Fluid should be stored unopened in the original container between +1°C and +40°C. Shelf life is 3 years from date of manufacture.

### Approvals and Certifications

- NSF H1 registered - 148169
- ISO 21469
- NSF 537 - PFAS Free
- Halal certified
- Kosher certified
- Vegan Society Certified
- ROCOL unique TPM number - 57
- 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

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VAT Number: 742053167

Registered Company No: 00559693

Registered Office: Saxon House, 2-4 Victoria Street, Windsor, England, SL4 1EN



## FOODLUBE XT Chain Fluid

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Parameter	Test Method	Value
Appearance	Visual	Pale straw coloured liquid
Base oil type	N/A	Synthetic ester mixture
Kinematic viscosity @ 40°C	IP 71 - ASTM D445	120 cSt
Kinematic viscosity @ 100°C	IP 71 - ASTM D445	13.5 cSt
Viscosity index	ASTM D2270	108
4-Ball wear scar	IP 239 - ASTM D2596	0.412 mm
Temperature range	N/A	0 °C to 280 °C
Moisture content	N/A	< 250 ppm
Density	N/A	0.963 g/cm <sup>3</sup>
Flash point (COC)	ASTM D93	> 300 °C
Copper corrosion	IP 112 - ASTM D130	1b
Evaporation loss at 200°C	N/A	1% in 6 hours
Oxidation test DSC onset	N/A	310 °C

### Safety Datasheets

These are available at <https://www.rocol.com/datasheets>. For further assistance, please contact us via the ROCOL website or using the details below.

### Note

The information in this Technical Datasheet is informed by our experience and feedback from industry. There are many variables outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility. Values quoted are typical and do not constitute a specification.

If you'd like to discuss the suitability of any ROCOL solution for your system, please get in touch.

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