

# Chain Lube FCL-330

Applied Lubrication Technology Inc. Chain Lube FCL-330 was specifically developed to meet the extreme lubrication demands of Heat Treatment Furnace Chains which reach temperatures beyond the capabilities of even the best, non solid containing, synthetic lubricants. FCL-330 base stocks were carefully selected to satisfy film strength requirements, the need to effectively penetrate into the hot chains, and the ability to break down residue that is present from previously utilized lubricants. These base stocks not only penetrate and lubricate but also deliver the highly stable wear and friction reducing dispersion of ultrafine graphite particles to the chains wear points. This graphite coating provides boundary lubrication at temperatures up to 482°C (900°F).

The FCL-330 base stocks and additives are all Copper and Zinc free by design in order to comply with requirements of specific Heat Treatment Processes. Chain Lube FCL-330 is ideally applied by the ALT automatic lubrication system.

Other advantages are as follows:

- Eliminates galling, seizing, stick-slip, and press-fit distortion
- Reduces break-in time for new equipment
- Prevents fretting
- Protects against Corrosion

Some of the important physical properties of this product are provided in the table below.

### Technical Specification of Chain Lube FCL-330:

Chain Lube FCL-330	Typical Properties
Appearance	Black
Viscosity	115 cSt@ 40°C (542 sus@104°F)
Flash Point	>250°C (482°F), COC
Operating Temperatures	Up to 482° (900°F)

### Product Applications

This higher viscosity lubricant has been specifically developed for the lubrication of Heat Treatment Furnace Chains and other chain applications that are subject to increased temperatures.

### Product Packaging

Chain Lube FCL-330 is available in 18.9 Liter (5 Gallon) pails, 200 Liter (53 Gallon) drums, and 1200 Liter (317 Gallon) returnable tote bin quantities.

**Contact us for more information!**  
**Scan the qr code to send us an email, we will contact you shortly.**



All reasonable care has been taken to ensure the information contained in this document is accurate as of the day of printing. However, such information may be affected by changes in the blend formulation occurring subsequent to the day of printing. Material Safety Data Sheets are available for all Applied Lubrication Technology Inc. products and must be consulted for appropriate storage, safe handling and disposal information of the product. Please contact us for more information. October 2012.