

## **Kiln Chain ProSYN**

Kiln Oven Chain & Wire Rope Lubricant  
No. 706

### **DESCRIPTION:**

**Kiln Chain ProSYN Wire Rope & Cable Lubricant** is an extremely fortified high temp lubricant compounded from the highest quality ester and synthetic fluids, additives, inhibitors and Frontiers exclusive MTX moly friction reducer additive package. **Kiln Chain ProSYN** is extremely moisture and chemical resistant and has a strong affinity to metal. This unique formula assures the ultimate lubrication of chains, sprockets, cables and wire ropes while reducing consumption and reducing buildup.

### **USES:**

Roller chains	Drive Chains	High Speed Chains
Drag Chains	Conveyer Chains	Hoist Chains
Cables	Wire Ropes	Sprockets
Leaf Chains	Flat-Veyer Chains	Table Top Chains
Quadruple Chains	Detachable Chains	Chain Power Drive Connections

### **TYPICAL APPLICATIONS:**

- Lubrication of roller chains and conveyor components in high temperature environments
- Ideal for drywall and gypsum plants
- Where operating temps are between 350°F/175 °C and 575 °F/300 °C
- Designed for use in automatic lubrication systems

.....And many other applications that require a high temp tacky anti-wear chain oil.

### **PERFORMANCE CHARACTERISTICS:**

**Kiln Chain ProSYN** is formulated with a corrosion and oxidation package and it has proven its ability to penetrate into chain rollers and pins for complete lubrication.

This superior lubricant will penetrate the rollers, pins, links and bushings and will leave a film of oil, MTX moly friction reducer and other additives, providing maximum lubrication. This greatly reduces friction, wear, stress and corrosion, allowing for minimal chain adjustment and increased chain and sprocket life.

**\*\* Kiln Chain ProSYN should not be used around parts containing polycarbonates as it can have a softening effect. Under no circumstances should it be used in conjunction with neoprene seals. \*\***

**TYPICAL SPECIFICATIONS:**

<b>Specification</b>	<b>Test Method</b>	<b>Result</b>
Specific Gravity	ASTM S1298	0.924
Density	Lb./Gal @ 60°F	7.73
ISO Viscosity Grade	ASTM D-2422	46
Viscosity, cSt @ 40°C	ASTM D-445	46.1
Viscosity, cSt @ 100°C	ASTM D-445	7.5
Viscosity Index	ASTM D-2270	127.7
Pour Point °F/°C	ASTM D-97	>40 / -40
Flash Point, (COC), °F/°C	ASTM D-92	240 / >400
Rust Protection	ASTM D-665	Pass
Four Ball Wear Test	40kg, 75°C/167° 1800 rpm, 1 hr. Scar Diameter, mm	0.41
Conradson Carbon Residue	ASTM D-189	0.08 wt%
Falex Pin & Vee Block EP	ASTM D-3233	1200Lbs
Direct Load Fail Stage		

Typical test data are average values only.

**PERFORMANCE PRODUCTS GUARANTEED**

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