



ISO-9001 Registered Quality System.
ISO-21469 Compliant.

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PRODUCT DATA

SYN OVEN CHAIN CLEANING OIL

DESCRIPTION

LUBRIPLATE SYN OVEN CHAIN CLEANING OIL is an ester based synthetic fluid specifically designed to **clean** and **lubricate** high temperature oven chain. The combination of an ashless additive system and the synthetic ester base provides protection against wear, rust, oxidation and corrosion. This product will also gradually dissolve and remove oxidized oil deposits from the chain while the oven chain operates normally.

LUBRIPLATE SYN OVEN CHAIN CLEANING OIL can be fed through micro lube systems, spray systems, mist systems, drip bottle systems and can be hand applied. When lubricating a hot chain, position the lubricator at the coolest point on the chain and use the minimum volume necessary to properly lubricate the chain. This will help prevent smoking of the lubricant once it reaches the hottest point in the oven.

ADVANTAGES

- ⇒ Removes carbon build-up on chains.
- ⇒ ISO 100 Viscosity for improved penetration to pin/bush joint.
- ⇒ Does not contain harmful VOC's which pollute the atmosphere.
- ⇒ Advanced ester chemistry reduces friction, wear and energy costs.
- ⇒ High auto-ignition temperature to reduce the risk of oven fires >700°F.
- ⇒ Ideal for cleaning chains lubricated with Mineral, PAO, Ester, PAG and Alkylated Naphthalene base chain oils as well as graphite type chain oils. Fully compatible with all of these.

APPLICATIONS

- Drying Ovens • Textile – Tenter Frame Chains • Wallboard – Dryer Chains • Painting – Dryer Chains • Lithographic Chains • Glass – Forming Line Chains • Laminating – Drying Lines • Heat Treating – Chains & Bearings • Kiln Support Rollers – Cement Plants (Trunions)

STORAGE RECOMMENDATIONS

- ⇒ Products should be stored between 40°F-120°F
- ⇒ Products should be stored in a dry covered environment
- ⇒ Products should not be stored in warm, direct sunlight
- ⇒ Improper storage conditions can significantly alter the shelf life of the product. Such conditions would include temperature, moisture, open containers, etc.

PACKAGING AVAILABLE

275 Gallon Passport Bin
55 Gallon Drum

SYN OVEN CHAIN CLEANING OIL

L0835-072
L0835-062

| PROPERTY | TEST METHOD | SYN OVEN CHAIN CLEANING OIL |
|--|-------------|-----------------------------|
| Viscosity @ 40°C | ASTM D-445 | 102 |
| Viscosity @ 100°C cSt | ASTM D-445 | 12.7 |
| Oven Test at 150°C | | |
| Viscosity Change 24 hours | | 100 |
| Viscosity Change 48 hours | | 100.5 |
| Viscosity Change 72 hours | | 102 |
| Viscosity Change 96 hours | | 102.6 |
| Viscosity Change 120 hours | | 104 |
| TAN Change 24 hours | | 0.11 |
| TAN Change 48 hours | | 0.2 |
| TAN Change 72 hours | | 0.23 |
| TAN Change 96 hours | | 0.24 |
| TAN Change 120 hours | | 0.27 |
| Flash Point °C | | 302 |
| Evaporation Loss 204°C/24 hrs | ASTM D-972 | 2.4 |
| TGA Wt. Loss 250°C | | 0.15 |
| Panel Cooker, 600°F, Residue, mg | | 12 |
| 4-Ball Wear Test 40 Kg, 600 rpm, 180°C | ASTM D-2266 | 0.43 |
| Block On Ring COF | | 0.09 |
| Ramsbottom, Carbon Residue | | 0.04 |
| Specific Gravity @ 60°F | | |
| Appearance | | Clear, Pale Liquid |