



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

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PRODUCT DATA

LUBRIPLATE SCL-HD/220M

DESCRIPTION

LUBRIPLATE SCL-HD/220M is a unique combination of synthetic fluids specifically designed for use on oven chains and other industrial bearing and gear applications in which high temperatures are encountered. The combination of an ashless additive system and a synthetic ester base provide protection against wear, rust, oxidation and corrosion. Both fluids utilize an enhanced coefficient of friction additive which will disperse and clean pre-existing carbon deposits on chains and bearings thereby reducing power consumption. This product delivers unsurpassed oxidation stability. Organo-moly helps with friction reduction and oxidation stability as well as wear prevention.

ADVANTAGES

- ⇒ Reduces carbon build-up on chains
- ⇒ No harmful VOC's which pollute the atmosphere
- ⇒ Advanced unique chemistry reduces friction, wear and energy costs
- ⇒ High auto-ignition temperature to reduce the risk of oven fires
- ⇒ Superior film strength reduces oil consumption and reduces smoke

APPLICATIONS

Major applications include:

Drying Ovens • Textile - Tenter Frame Chains • Wallboard - Dryer Chains • Painting - Dryer Chains • Lithographic Chains - Beverage Can Lines • Glass - Forming Line Chains • Laminating - Drying Lines • Food Cookers & Frying • Heat Treating - Chains & Bearings • Kiln Support Rollers - Cement Plants (Trunions) • Bakery Oven Chains

APPLICATION METHODS

Micro Lube Systems, Spray Systems, Mist Systems¹, Drip Bottle Systems, Drip Bottle with Brush, Hand Applied²

- 1 - Fire Safety precautions are necessary with this system when exposed to open flame
- 2 - Apply @ 250°C or less to minimize smoke. Also run chain a few minutes to remove excess.

Note: To avoid heavy smoke, lube in small volumes with more frequency. The higher the temperature, the more important this becomes.

Where to lubricate a chain:
(Lubricator positioning is important)

- ⇒ Lube chains on slack side whenever possible.
- ⇒ Lube at pin and roller (Pin Bush Joint).
- ⇒ When lubing a hot chain, position the lubricator at the coolest point or as close as possible.

Typical Test Data

PROPERTY	TEST METHOD	TYPICAL RESULTS*
Viscosity cSt @ 40°C	ASTM D-445	214
Viscosity cSt @ 100°C	ASTM D-445	21.7
API Gravity	ASTM D-287	27.2
Flash Point	ASTM D-92	542°F/283°C
Fire Point	ASTM D-92	615°F/324°C
Autoignition Temperature	ASTM E-659	757°F/402°C
Pour Point	ASTM D-97	-32°F/-36°C
Four-Ball Wear Test	ASTM D-4172	0.3 mm
Evaporation Loss: 22 hrs @ 204°C	ASTM D-972	4.93%
Evaporation Loss: 72 hrs @ 204°C	ASTM D-972	10.16%

PACKAGING AVAILABLE

275 Gallon Tote

Part No.

L1071-072