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ISO-21469 Compliant.

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## PRODUCT DATA

# LUBRIPLATE SCL-HD SERIES

## DESCRIPTION

LUBRIPLATE SCL-HD Series are unique combinations 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. These products deliver unsurpassed oxidation stability.

## 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

### How to apply and at what temperature:

- Micro Lube Systems
- Spray Systems
- Mist Systems<sup>1</sup>
- Drip Bottle Systems
- Drip Bottle With Brush

Hand Applied<sup>2</sup>

<sup>1</sup> - Fire Safety precautions are necessary with this system when exposed to open flame

<sup>2</sup> - Apply @ 250° 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 PERFORMANCE DATA

PROPERTY	TEST METHOD	TYPICAL RESULTS*	
		SCL-HD/220	SCL-HD/68
Viscosity cSt @ 40°C	D-445	214	61-74
Viscosity cSt @ 100°C	D-445	21.7	6-8
API Gravity	D-287	27.2	25-29
Flash Point	D-92	542°F 283°C	450-540°F 232-282°C
Fire Point	D-92	615°F 324°C	525-615°F 274-324°C
Pour Point	D-97	-32°F -36°C	-27--32°F -33--36°C
Four-Ball Wear Test	D-2266	0.3 mm	<0.5 mm
Evaporation Loss: 22 hrs @ 204°C		4.93%	<10%
Evaporation Loss: 72 hrs @ 204°C		10.16%	<20%

### PACKAGING AVAILABLE SCL-HD/220 SCL-HD/68

5 Gallon Pail	L1075-060	L1076-060
55 Gallon Drum	L1075-062	L1076-062

