LUBRIPLATE Synthetic High Temp Fluid No. 68 is a 100% ester based synthetic fluid 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 the synthetic ester base provide protection against wear, rust, oxidation and corrosion. This fluid utilizes 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 and anti-coking performance. It remains stable and clean in the application.

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 ± 500°F
- Spray Systems ± 500°F
- Mist Systems ± 500°F
- Drip Bottle Systems ± 500°F
- Drip Bottle With Brush ± 500°F
- Hand Applied ± 500°F

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

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.

Remember to advise your customer that this chain oil contains an ester and when first applied to a used chain, he may experience a heavy cleaning action and must deal with dirt, contaminants and rust coming off the used chain. This will last up to two weeks and then the only thing coming off the chain will be a soft carbon when used in maximum temperature range.

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST METHOD</th>
<th>TYPICAL RESULTS*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity: SUS @ 100°F</td>
<td>ASTM D-2161</td>
<td>364</td>
</tr>
<tr>
<td>cSt @ 40°C</td>
<td>ASTM D-445</td>
<td>74</td>
</tr>
<tr>
<td>SUS @ 210°F</td>
<td>ASTM D-2161</td>
<td>58</td>
</tr>
<tr>
<td>cSt @ 100°C</td>
<td>ASTM D-445</td>
<td>10.8</td>
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<tr>
<td>ISO Grade</td>
<td>ASTM D-2422</td>
<td>68</td>
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<tr>
<td>API Gravity</td>
<td>ASTM D-287</td>
<td>14.6</td>
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<tr>
<td>Flash Point</td>
<td>ASTM D-92</td>
<td>554°F/290°C</td>
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<tr>
<td>Fire Point</td>
<td>ASTM D-92</td>
<td>640°F/338°C</td>
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<tr>
<td>Pour Point</td>
<td>ASTM D-97</td>
<td>-25°F/-32°C</td>
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<tr>
<td>4-Ball Wear Test</td>
<td>ASTM D-2266</td>
<td>0.3 mm</td>
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<tr>
<td>Type of Ester</td>
<td></td>
<td>100% Polyolester</td>
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</tbody>
</table>

Typical Test Data

Packaging Available
- 5 Gallon Pail
- 55 Gallon Drum

Part No.
- L0778-060
- L0778-062

ISO 9001 Registered Quality System. ISO-21469 Compliant.