

## No. 520 SYNTHETIC HIGH TEMPERATURE CHAIN LUBRICANT

**No. 520 Synthetic High Temperature Chain Lubricant** protect against wear and corrosion superior with superior thermal and oxidative stability eliminating carbon residue on chains in extreme temperatures.

### TYPICAL APPLICATIONS INCLUDE:

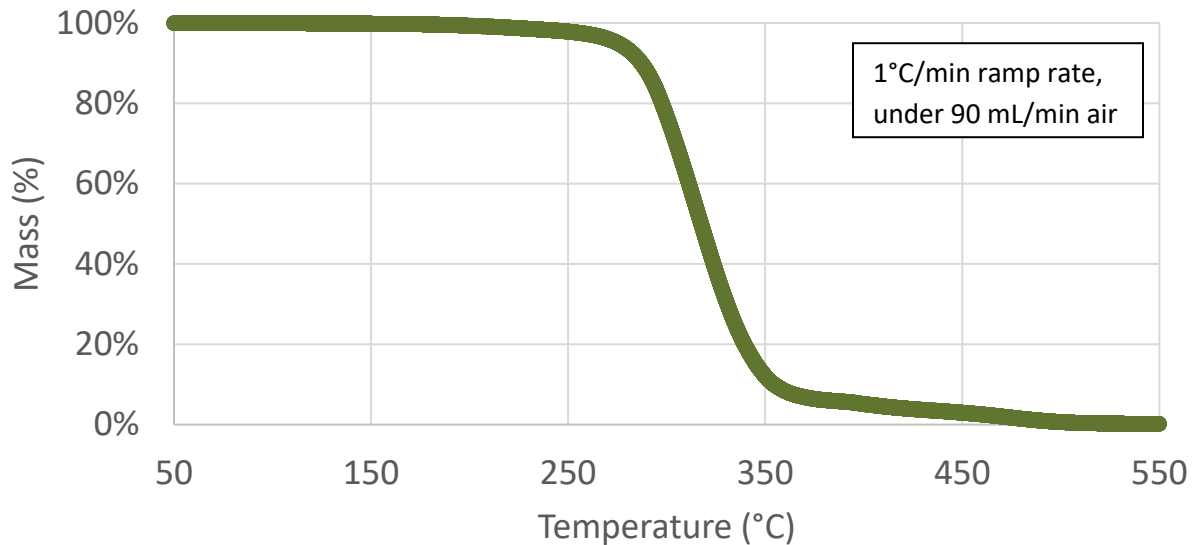
|                    |                            |                         |               |
|--------------------|----------------------------|-------------------------|---------------|
| Paint Curing Ovens | High Speed and Drag Chains | Heat Treating Chains    | Tenter Frames |
| Drying Oven Chains | Conveyor and Hoist Chains  | Roller and Drive Chains | Kiln Rollers  |

| PRODUCT ATTRIBUTE                            | TEST METHOD | TYPICAL PROPERTIES |
|----------------------------------------------|-------------|--------------------|
| <b>ISO Grade</b>                             | ASTM D2422  | 220                |
| <b>Lower Service Temperature, °F (°C)</b>    |             | 6.8 (-14)          |
| <b>Upper Service Temperature, °F (°C)</b>    |             | 572 (300)          |
| <b>Kinematic Viscosity, cSt @ 40°C</b>       | ASTM D445   | 212                |
| <b>Kinematic Viscosity, cSt @ 100°C</b>      | ASTM D445   | 19                 |
| <b>Viscosity Index</b>                       | ASTM D2270  | 98                 |
| <b>Density, lb/gal @ 60°F</b>                | ASTM D1298  | 8.08               |
| <b>Density, kg/L @ 15.5°C</b>                | ASTM D1298  | 0.968              |
| <b>Pour Point °F (°C)</b>                    | ASTM D97    | -18 (-28)          |
| <b>Flash Point °F (°C)</b>                   | ASTM D92    | 590 (310)          |
| <b>Rust Test, Distilled Water</b>            | ASTM D665   | Pass               |
| <b>Copper Strip Corrosion, 24 hr @ 100°C</b> | ASTM D4048  | 1a                 |
| <b>4-Ball Wear, scar diameter, mm</b>        | ASTM D2266  | 0.32               |
| <b>Oxidation Induction Time, min @ 220°C</b> | ASTM D6186  | 70                 |
| <b>Color</b>                                 | ASTM D1500  | Orange             |

### Application Notes:

- No. 520 Synthetic High Temperature Chain Lubricant can be applied by brush or centralized lubricating systems.
- Relubrication should ideally be performed at chain temperatures below 350 °F to ensure penetration of the product in the friction points of the chains and to avoid excessive smoke generation. If chain temperature cannot be lowered for application, apply at coolest point in the chain and ensure adequate ventilation to capture the smoke.
- Application rate and relubrication intervals must be established for each application. Please contact your Hydrotex representative or our Technical Response Team to determine the optimal solution for your application.

### No. 520 Synthetic High Temperature Chain Lubricant



#### **WARRANTY:**

When properly stored and used in accordance with instructions, any material not satisfactory will be replaced with any product in our line on a dollar for dollar basis provided the account is paid in full when due and Hydrotex is notified in writing within 12 months of the date of the order by the customer.

**Hydrotex®** is a manufacturer and distributor of high performance lubricant and fuel improver solutions. As an employee owned company, we help our customers develop sustainable solutions designed to improve system reliability, save energy, limit pollution, extend fixed asset life, reduce maintenance costs and improve fuel efficiency. Our products and services leverage over 80 years of innovation resulting in superior lubrication solutions and high touch customer service.