

### ULTRACHEM SYNTHETIC HI-TEMPERATURE CHAIN LUBRICANTS

**Chain Preservation Oil** – 437 cSt @ 40°C. Chain Preservation Oil is a mineral-based lubricant to preserve conveyor and drive chains from rusting while in transit. This chain oil offers anti-wear protection and can be used in start-ups.

**Chemlube 215** – 36.3 cSt @40°C. Chemlube 215 has been proven as an effective chain lubricant for textile tenter frames where a light penetrating oil film resistant to high temperature is desired.

**Chemlube 226** – 41.3 cSt @40°C. A thinner version of 225 with no tack for higher temperatures. Excellent for application through a mister or atomizer type lubricator.

**Chemlube PC 100** - 99 cSt @ 40°C. Chemlube PC 100 is a USDA H-2 grade diester designed for use in hot oven environments in bakeries where high humidity is present, such as Proofer Boxes.

**Chemlube 225** – 185.1 cSt @40°C. The original tacky heavy chain lubricant with a diester base fluid and a high temperature organo-moly extreme pressure anti-wear additive. Use with a drip or hand applied application system.

**Chemlube 224** – 204.1 cSt @40°C. This is similar to Chemlube 225 for those who do not want an organo-moly extreme pressure anti-wear additive.

**Chemlube 275** – 320 cSt @ 40°C. A diester-based chain lubricant for high temperatures and harsh environmental conditions. This oil contains soluble organic compounds for added wear protection.

**Chemlube 801** – 145.9 cSt @40°C. An economical high temp chain oil alternate to the popular Chemlube 5083. Unique chemistry offers high temperature protection.

**Chemlube 222** – 250 cSt @ 40°C. Chemlube 222 is a fully synthetic chain lubricant for use in high temperature applications like conveyors and lateral chain belts.

**Chemlube FB** – 265 cSt @ 40°C. Chemlube FB is a fully synthetic chain lubricant designed for use in high temperature applications like double-belt presses for the production of fiber and particle board or laminates.

**Chemlube BC 30** – 103.7 cSt @ 40°C. Chemlube BC 30 is a USDA H-2 grade ester designed for use in baking ovens on conveyor roller ball bearing chains, tunnel lap, tray ovens, high speed can lines, slides & gears near 500°F.

**Chemlube 5083 & 5093** – 122.1/223 cSt @40°C. These are simply our best high temp chain lubes developed to date with a unique chemistry that requires no polymer or viscosity improver (V.I.), which can compromise the high temperature performance.

**Chemlube 5071 & 5073** – 154/281.7 cSt @40°C. Chemlube 5071 is similar to 225 in viscosity. These chain oils have no tack and utilize a different base fluid designed for higher temperatures.

**Omnilube PC 100 FG** – 100 cSt @ 40°C. This H-1 food grade USP Grade Mineral Oil-based chain oil is designed to work in high humidity environments such as proofers.

**Omnilube FGC 3100** - 100 cSt @ 40°C. This H-1 food grade PAO-based chain oil is formulated with a tackifier to protect a wide variety of equipment as well as chains.

**Omnilube FGC 4220** – 220 cSt @ 40°C. This H-1 food grade ester-based chain oil formulation provides a high flash point and low volatility for high temperature applications.

**Omnilube PG 130 & 220 FG** - 130/224 cSt @ 40°C. This H-1 food grade polyalkylene glycol based chain oil is designed for use on chains where higher temperatures are expected. It will not leave deposits associated with some other oils.

#### HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

#### TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at [info@ultracheminc.com](mailto:info@ultracheminc.com)



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900 Centerpoint Blvd.  
New Castle, DE 19720  
P.....302-325-9880  
F.....302-325-0335  
[info@ultracheminc.com](mailto:info@ultracheminc.com)

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|                            | BASE FLUID            | VISCOSITY<br>cSt<br>@ 40°C | FLASH<br>POINT<br>°F | POUR<br>POINT<br>°F | GRADE   | SAE   | TACK         |
|----------------------------|-----------------------|----------------------------|----------------------|---------------------|---------|-------|--------------|
| Chain Preservation Oil     | Mineral Blend         | 437                        | 520                  | 15                  | 460     | 140   | No           |
| Chemlube 215               | Diester               | 36.3                       | 486                  | -54                 | 32      | 10    | No           |
| Chemlube 226               | Diester               | 41.3                       | 500                  | -50                 | 46      | 20    | No           |
| Chemlube PC 100            | Diester               | 99                         | 505                  | -29                 | 100     | 30    | No           |
| Chemlube 225               | Diester               | 185.1                      | 470                  | -20                 | 150/220 | 40/50 | Non-sludging |
| Chemlube 224               | Diester               | 204.1                      | 465                  | -20                 | 150/220 | 40/50 | Non-sludging |
| Chemlube 275               | Diester               | 320                        | 525                  | -20                 | 320     | 6     | Non-sludging |
| Chemlube 801               | Triester              | 145.9                      | 535                  | -30                 | 150     | 40    | No           |
| Chemlube 222               | Triester              | 250                        | 520                  | -30                 | 220/320 | 50/60 | No           |
| Chemlube FB                | Ester                 | 265                        | 535                  | -22                 | 220/320 | 50/60 | No           |
| Chemlube BC 30             | Ester                 | 103.7                      | 572                  | -44                 | 100     | 30    | No           |
| Chemlube 5083              | Polyol ester          | 122.1                      | 571                  | -30                 | 150     | 40    | No           |
| Chemlube 5093              | Polyol ester          | 223                        | 585                  | -36                 | 220     | 50    | No           |
| Chemlube 5071              | Proprietary Synthetic | 154                        | 440                  | -10                 | 150/220 | 40/50 | No           |
| Chemlube 5073              | Proprietary Synthetic | 281.7                      | 440                  | -10                 | 320     | 60    | No           |
| <b>Food Grade Products</b> |                       |                            |                      |                     |         |       |              |
| Omnilube PC 100 FG         | Mineral Oil           | 100                        | 370                  | 5                   | 100     | 30    | Yes          |
| Omnilube FGC 3100          | PAO                   | 100                        | 460                  | -35                 | 100     | 30    | Yes          |
| Omnilube FGC 4220          | Esters                | 220                        | 489                  | -31                 | 220     | 50    | No           |
| Omnilube PG 130 FG         | Polyalkylene glycol   | 130                        | 507                  | -38                 | 130     | 30/40 | No           |
| Omnilube PG 220 FG         | Polyalkylene glycol   | 224                        | 507                  | -20                 | 220     | 50    | No           |

*We recommend that all chains be cleaned prior to the introduction of any synthetic even though all of our fully synthetic chain lubes provide natural cleaning and detergency.*

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900 Centerpoint Blvd.  
New Castle, DE 19720  
P.....302-325-9880  
F.....302-325-0335  
[info@ultracheminc.com](mailto:info@ultracheminc.com)