

## Chesterton 610 MT Plus Synthetic Lubricating Fluid

Category : Fluid , Lubricant

### Material Notes:

**Description:** Chesterton® 610 MT Plus Synthetic Lubricating Fluid is a premium quality full synthetic lubricant designed to provide lubrication at temperatures ranging from 25°C (-15°F) to those over 270°C (520°F) where petroleum lubricants are unable to function. Unlike petroleum based lubricants, the product will not carbonize, oxidize to a sludge or form lacquers and varnishes at high temperatures. In fact, 610 MT Plus Synthetic Lubricating Fluid has excellent solvency and will actually remove many of these byproducts caused by other petroleum base lubricants and allow equipment to run cooler and more efficiently. When operating at temperatures beyond its capability, the product will simply evaporate cleanly. Chesterton 610 MT Plus Synthetic Lubricating Fluid is excellent for lubrication of equipment operating at elevated temperatures such as oven chains motors, anti-friction bearings, paint curing and drying ovens low loading gear boxes, ceramic ovens, oven door hinges and for low temperature applications to -25°C (-15°F) in refrigerated or winter conditions. Chesterton 610 MT Plus is designed and used for the lubrication of roller bar chains in Conti-Roll presses. Conti-Roll press manufactures include Siempelkamp, Dieffenbacher, Metso, Kuster and Pagnoni Impianti. **Features:** Wide temperature range Self cleaning 100% synthetic No residue Non-carbonizing Non-oxidizing Low evaporation rate High flash point Biodegradable **Applications:** Equipment operating in elevated temperatures, refrigerated areas, and in severe environments. Excellent for increasing the efficiency of anti-friction bearings, impregnated bearings, textiles tenter frames, low loading gear boxes, oven hinges and chain conveyors and Conti-Roll presses. Lubricates at sub-zero temperatures where greases congeal. 610 MT Plus Synthetic Lubricating Fluid is designed for use in Conti-Roll presses for the continuous production of fibre, particle boards and laminates. These presses operate at high pressures and high temperatures (>200°C). The most complex lubrication points on the moving parts in the heating and compression area are: Steel belts carpets of calibrated rollers Heating platens Roller bar chains Contact pressure and aligning chains Beds of roller chains Information provided by Chesterton

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chesterton-610-MT-Plus-Synthetic-Lubricating-Fluid.php](http://www.lookpolymers.com/polymer_Chesterton-610-MT-Plus-Synthetic-Lubricating-Fluid.php)

| Physical Properties                  | Metric                                           | English                                          | Comments              |
|--------------------------------------|--------------------------------------------------|--------------------------------------------------|-----------------------|
| Specific Gravity                     | 0.980 g/cc                                       | 0.980 g/cc                                       |                       |
| Viscosity Measurement                | 130                                              | 130                                              | ASTM D2270, ISO 2909  |
| Kinematic Viscosity at 40°C (104°F)  | 100 cSt                                          | 100 cSt                                          | ASTM D445, DIN 51 519 |
| Kinematic Viscosity at 100°C (212°F) | 22 cSt                                           | 22 cSt                                           | ASTM D445, DIN 51 519 |
| Evaporation Loss                     | 0.62 %<br>@Temperature 204 °C,<br>Time 23400 sec | 0.62 %<br>@Temperature 399 °F,<br>Time 6.50 hour |                       |

| Thermal Properties               | Metric   | English  | Comments           |
|----------------------------------|----------|----------|--------------------|
| Maximum Service Temperature, Air | 270 °C   | 518 °F   |                    |
| Minimum Service Temperature, Air | -25.0 °C | -13.0 °F |                    |
| Pour Point                       | -25.0 °C | -13.0 °F | ASTM D97, ISO 3016 |

| Thermal Properties     | Metric °C    | English °F | Comments ISO 2592 |
|------------------------|--------------|------------|-------------------|
| Descriptive Properties | Value        |            | Comments          |
| Appearance             | Amber Liquid |            |                   |
| Fire point             | 325°C        |            | ASTM D92, ISO2592 |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China