

610 MT

PLUS SYNTHETIC LUBRICATING FLUID

APPLICATION AREAS

- *Steel Belts*
- *Conti-Roll Presses*
- *Chains*
- *Roller Bar Chains*
- *Paint Curing and Drying Ovens*
- *Ceramic Ovens*



PRODUCT DATA SHEET

KEY FEATURES AND BENEFITS

- 100% synthetic
- Biodegradable
- Non-carbonizing/Non-oxidizing
- Low evaporation rate
- No residue or varnish buildup

PACKAGING

20L

208L

DIRECTIONS

Apply by spraying or using a squirt oiler or oil can with extended spout. Apply at each bushing or lubrication site. Reapply as needed.

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 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. Extreme pressure additives give superior wear characteristics and minimize equipment maintenance and downtime. Rust and oxidation inhibitors give added protection against corrosion. Lubricity additives provide for maximum lubrication and minimum friction. Because 610 MT Plus has a high flash point and low evaporation rate, it does not have the characteristic smoke and fire hazards associated with petroleum base lubricants when used in hot applications. Chesterton 610 MT Plus is designed and used for the lubrication of roller bar chains in Conti-Roll presses. Conti-Roll press manufacturers include Siempelkamp, Dieffenbacher, Metso, Kuster and Pagnoni Impianti.

TYPICAL PHYSICAL PROPERTIES

Appearance	Amber Liquid
Flash Point C.O.C. (ASTM D 92, ISO 2592)	>290°C (>554°F)
Specific Gravity	0.98
Odor	Low
ISO VG (ASTM D2422, DIN 51 519)	220
Viscosity (ASTM D 445, DIN 51 561) @ 40°C (104°F) cSt (mm ² /s) @ 100°C (212°F) cSt (mm ² /s)	220 22
Viscosity Index (ASTM D 2270, ISO 2909)	130
Pour Point (ASTM D 97, DIN 51 755)	-25°C (-13°F)
Operating Temperature	-25°C to 270°C (-15°F to 520°F)
Fire Point (ASTM D 92, ISO 2592)	325°C (617°F)
Evaporation Loss 22 hours @ 204°C (400°F) (ASTM D 2595)	0.62%

Before using this product, please refer to Safety Data Sheet (SDS).