

STENOL 200 ST

*High Temperature Chain Oil
For Stenter Chains*



Fully synthetic, high performance chain oil designed for high temperature & high speed Stenter chain operations.

The Stenter is an important Machine in the Textile Industry, performing one of the vital functions of transverse fabric stretching.

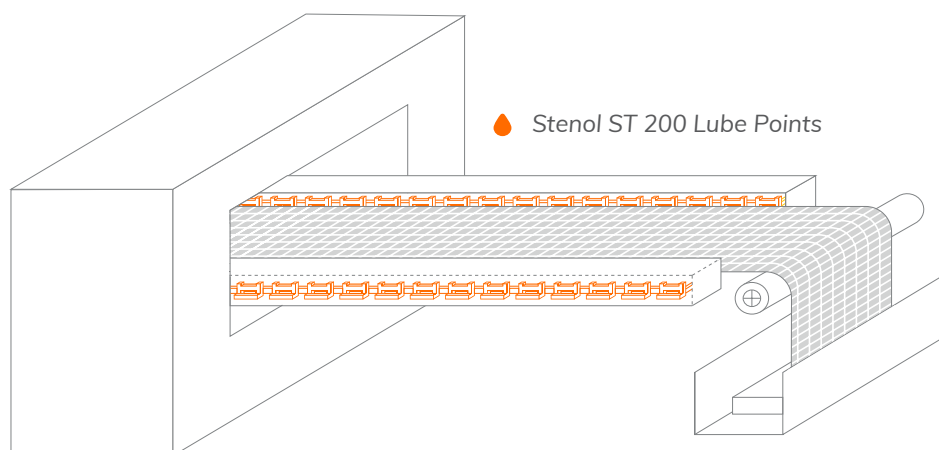
Working continuously at maximum capacity, the chains that are used to stretch the fabric in the Stenter machines, work at high speeds and are subject to steam, high heat temperature bands ranging from 180-200°C, humidity and hot air jets among other adverse conditions. Therefore, Stenol 200 ST's stability over elevated temperatures and wear reduction properties are of special importance for its smooth functioning.

Molygraph's Stenol 200 ST, is developed with carefully selected Neo Polyol Esters with a low evaporation rate and a synergistic combination of Antioxidants. This ensures prolonged lubrication to chains operating at higher temperatures with least to no varnish and solid deposits, giving the Stenter chains a longer lifespan.

Best properties for optimum performance

- Critical selection of base oil viscosity, provides an ideal evaporating rate.
- Thermally and chemically stable over elevated temperatures.
- Fine oil film remains on the chains even after passing multiple times through high temperature ovens.
- No excess oil or dripping from chains even on excessive lubrication.
- Keeps chains clean with no hard carbon deposits due to the chosen chemistry of Esters and use of selective anti oxidants.

- Oil penetrates well and lubricates the Stenter pins and functional parts of the chains.
- Smooth operations and noise reduction due to no varnish or solid deposits, preventing penetration of oil into the friction points of chain pins and guide rails.
- Reduced consumption of chain oil at high temperatures, extends re-lubrication periods for Stenter chains.
- Performs well in high speed chain operations and adverse operating conditions.
- Minimum maintenance required, as premature cleaning of chains is avoided.
- Highly cost effective, reducing maintenance downtime.
- Fabric friendly and paint compatible.
- Suitable for most domestic and imported Stenter Machine brands.
- Suitable for Polyfilm Stretching Stenter Chain.



Properties

CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	Visual	-	Clear
Colour	Visual	-	Light Yellow
Base Oil	-	-	Synthetic
Base Oil Viscosity @ 40°C	ASTM D - 445	cSt	180-220
Flash Point	ASTM D - 92	°C	>270
Operating Temperature	-	°C	250 max

Other application areas of Molygraph lubricants in stenter machines

- Fluorotemp 512: Premium grade grease for stenter chain bearings, gadget bearings, steam bearings, compensators & rollers in hot flue, steam heaters.
- MFG 220 Plus / PUG 9500HS: Grease lubricated stenter chain bearings.
- PUG 1000 H/S: Fan & motor bearings.