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# Textile

*Customized Range of High  
Temperature Lubricants  
for Textile Stenters*







## Essential lubricants designed for smooth operations of Textile Stenters.

Specialty lubricants play a critical role in the textile industry by helping to maintain the performance and reliability of machinery and equipment. The use of high-quality lubricants can reduce wear and tear on machinery, prevent breakdowns and downtime, and extend the service life of the equipment.

A key focus area for Molygraph has been stentor chain lubrication in the textile industry. Stentor chains are an important component of textile stentors, which are used in the textile industry to stretch and process fabrics. The chains are responsible for moving the fabric through the stentor and applying tension to ensure that it is stretched evenly.

***Molygraph's Stenol 200 ST, a synthetic chain oil, has been specifically developed to lubricate stentor chains and ensure that the stentor operates efficiently and safely.***

**Stenol 200 ST focuses on the following benefits for the customer:**

- Reducing friction and extending the life of the chains.
- Preventing wear and tear to maximize efficiency and productivity.
- Improve safety by ensuring smooth movement of chains thereby avoiding accidents and injuries.

Supporting products for the textile industry include Flurotemp 512, a PTFE-PFPE grease for stentor chain bearings, and HSG 9035 Premium, a barium-complex semi-synthetic grease used in high speed spindle bearings. PUG 9500 HS an oxidatively stable premium MRO grease consisting of polyurea thickener and synthetic base oil provides outstanding performance in exhaust fan bearings.

### OPERATING CONDITIONS

- |                       |                           |
|-----------------------|---------------------------|
| ➤ Chemical resistance | ➤ Water ingress           |
| ➤ High speed bearings | ➤ Wide temperature ranges |



# Product Selector

MACHINERY	APPLICATIONS	FEATURES & BENEFITS	PRODUCT
Stenter frames	Sliding Chains	High performance synthetic stenter chain oil with low evaporation rate & low residue formation.	STENOL® 200 ST
	Ball Bearings	PTFE thickened high temperature synthetic chemical resistant fluorinated grease.	FLUROTEMP 512
	Spindle	High speed synthetic grease for high speed spindle applications.	HSG 9035 PREMIUM
Electric Motors & Exhaust Fans	Rolling Bearings	Long life high temperature synthetic polyurea grease with extended relubrication periods.	PUG 9500 HS
		PTFE thickened high temperature synthetic chemical resistant fluorinated grease.	FLUROTEMP 512

# Product Specifications

## GREASES

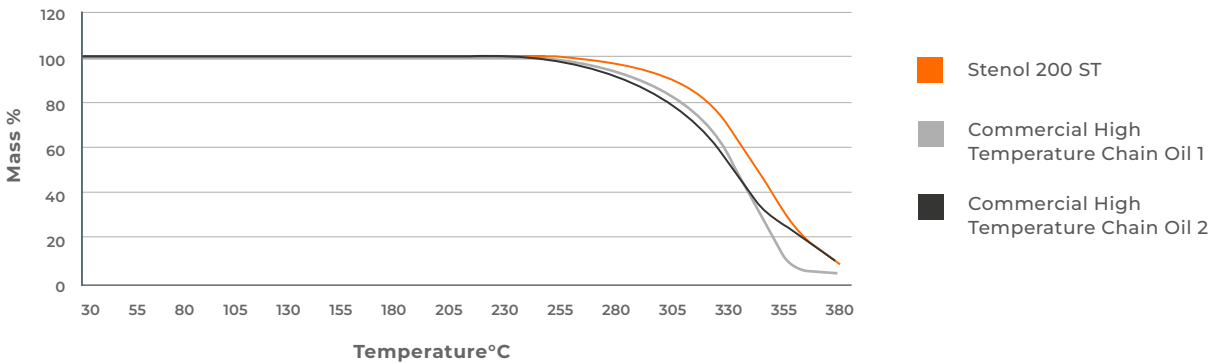
PRODUCT	THICKENER / OIL	BASE OIL VISCOSITY @ 40°C (cSt)	NLGI GRADE	DROPPING POINT (°C)	OPERATING TEMPERATURE (°C)
FLUROTEMP 512	PTFE / PFPE	500	#2	NA	-30 / +260
HSG 9035 PREMIUM	Lithium / Synthetic	35	#2 / 1	+180	-50 / +140
PUG 9500 HS	Polyurea / Synthetic	400	#2	+250	-30 / +200

## OIL

PRODUCT	BASE OIL	BASE OIL VISCOSITY @ 40°C (cSt)	FLASH POINT (°C)	DENSITY @ 29.5°C (g / cc)	OPERATING TEMPERATURE (°C)
STENOL® 220 ST	Synthetic	200	270	0.930	250

# Thermo-Gravimetric Analysis (TGA)

TGA was done up to 400°C, and once again, Stenol products based on Neo-Polyol Ester based Novel formulation showed more thermal stability than other commercial high temperature chain oils.



# Accelerating industrial performances across the world

Designed by empiric designs



## Efficient lubrication solutions to drive industries forward

Molygraph is India's leading engineered lubricants company. For over 32 years we have mastered the art of making high quality speciality lubricants for various industries & applications. At the core of each of our products lies our strong emphasis on Research & Development and a deep understanding of the client's expectations, which helps us deliver optimal solutions.

The consultative selling approach lays emphasis on value creation for our clients & has led Molygraph to be a front runner in the speciality Lubricants market in India as well as developing a global footprint with a presence in over 25 countries around the world.

### BUSINESS VERTICALS

- Animal Feed
- Automotive Components & Manufacturing
- Cement
- Food
- Forging
- Metal Cutting & Forming
- Mining
- MRO
- Oil & Gas
- Pharmaceutical
- Plastic Moulding
- Pulp & Paper
- Punching & Stamping
- Steel
- Sugar
- Textile
- Wind Power

### PRODUCT LINE

- Aerosol Sprays
- Cleaners & Degreasers
- Dispersions
- Lubricating Greases & Pastes
- Lubricating Oils
- Metal Forming Fluids
- Rust Preventives
- Solid Lubricants
- Thread Dope Compounds

### PRODUCT APPLICATIONS

- Bearings
- Chain & Wire Ropes
- Conveyor Chains
- Forging & Extrusion
- Gears
- Metal Cutting & Grinding
- Metal Punching & Stamping
- Nuts, Bolts & Threads
- Sheet Metal Drawing
- Valves

