



PRODUCT DATA SHEET



MOLYLUBE® TENTER CHAIN LUBRICANT WITH MOLY

Molylube Tenter Chain Lubricant with Moly, commonly known as Molylube RL-6, is a synthetic, high temperature chain fluid for oven temperatures above 191°C (375°F).

It is a combination of synthetic fluids and molybdenum disulfide, or moly, designed to provide excellent lubrication and thermal stability without accumulating carbon residues.

Molylube Tenter Chain Lubricant with Moly coats and penetrates the sprockets, links, and pins and bushings. The synthetic base fluid evaporates leaving the solid lubricant, molybdenum disulfide, to effectively coat and lubricate the bearing surfaces. The moly effectively prevents metal-to-metal contact, lubricating up to 399°C (750°F).

Applications

- ◆ Tenter chains (textile)
- ◆ Bearings and chains drying ovens and curing ovens

Features and Benefits

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| ◆ Molybdenum disulfide | Provides high temperature “dry” lubrication |
| ◆ Synthetic formula | Residue-free and self cleaning |
| ◆ Extreme Pressure and anti-wear properties | Maximizes component useful life helping to reduce replacement part costs and lost production time. |
| ◆ Thermal stability | Less carbon residue. |

General Description

Molylube Tenter Chain Lubricant with Moly is a high temperature chain lubricant with a synthetic base fluid and molybdenum disulfide, or moly. **Molylube Tenter Chain Lubricant with Moly** controls wear and chain elongation. **Molylube Tenter Chain Lubricant with Moly** effectively lubricates and cleans while in fluid form however, as the synthetic carrier evaporates molybdenum disulfide is deposited on sprockets, links, pins and bushing providing continued lubrication to temperatures as high as 399°C (750°F).

Product No. 301749

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TYPICAL PROPERTIES

<u>Product No.</u>	<u>301749</u>
<u>Old Product No.</u>	<u>69270</u>
ISO Viscosity Grade	100/150
Viscosity, ASTM D445	
@ 40°C, cSt	115
@ 100°C, cSt	12.2
Viscosity, ASTM D2161	
@ 100°F, SUS	602
@ 210°F, SUS	68.5
Viscosity Index, ASTM D2270	96
Falex EP Test, ASTM D3233 Method B	
Non-seizure Load, lbf	3000
4-Ball EP Test, ASTM D2783	
Weld Load, kg	250
4-Ball Wear Test, ASTM D4172	
@ 1200 rpm, 40 kg, 1 hr, 75°C	
Scar diameter, mm	0.45
Timken EP test, ASTM D2782	
OK Load, kg (lb)	31.8. (70)
Flash Point, ASTM D93	
°C	93
(°F)	(199)
Specific Gravity, ASTM D1298, 60/60°F	0.920
Color	Dark Gray