



# PRODUCT DATA SHEET



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## TENTER CHAIN LUBRICANT

**Tenter Chain Lubricant**, commonly known as Bel-Ray Tenterlube RL-3, is a specially formulated lubricant for textile tenter frames and related applications. The outstanding lubricity of **Tenter Chain Lubricant** will often substantially reduce the frictional forces on chains, resulting in a marked reduction in amperage draw of the driving motor. Using an ammeter that will activate the automatic lubricator is an excellent method of conserving lubricant and assuring properly protected chains. The Extreme Pressure characteristics and thermal stability properties of **Tenter Chain Lubricant** provide excellent protection across a broad range of temperatures. **Tenter Chain Lubricant** is an excellent penetrant and will effectively lubricate sprockets, links and pins and bushing of the chain. **Tenter Chain Lubricant** is a low residue chain lubricant and will remove most residues left by conventional chain lubricants.

### *Applications*

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- ◆ Bearings, chains and conveyors in tenter chains, drying ovens and curing ovens

### *Features and Benefits*

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|---------------------------------------------|---------------------------------------------------------------------------------------------|
| ◆ Synthetic formula                         | Extends bearing, chain and conveyor life.                                                   |
| ◆ Extreme Pressure and anti-wear properties | Maximizes component life helping to reduce replacement part costs and lost production time. |
| ◆ Thermal stability                         | Less carbon residue and varnish.                                                            |

### *General Description*

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**Tenter Chain Lubricant** is the result of a development in stabilizing heavy-duty lubricants for operating temperatures up to 246°C (475°F). It is a combination of synthetic ester fluid with the carefully chosen oxidation stabilizers and anti-wear agents. The result is this remarkable lubricant for high temperatures.

The Extreme Pressure and anti-wear capabilities of **Tenter Chain Lubricant** reduce wear and extend chain and sprocket life.

### *Product No. 65740*

# TENTER CHAIN LUBRICANT

## TYPICAL PROPERTIES

<b><u>Product No.</u></b>	<b><u>65740</u></b>
ISO Viscosity Grade	150/220
Viscosity, ASTM D445	
@ 40°C, cSt	172
@ 100°C, cSt	14.5
Viscosity, ASTM D2161	
@ 100°F, SUS	913
@ 210°F, SUS	77.8
Viscosity Index, ASTM D2270	79
Pour Point, ASTM D97	
°C	-29
(°F)	(-20)
Falex EP Test, ASTM D3233, Method B	
Non-seizure Load, lbf	3000
4-Ball EP Test, ASTM D2783	
Weld Load, kg	250
Flash Point, ASTM D92	
°C	282
(°F)	(540)
Useful Temperature Range	
°C	-23 to 246
(°F)	(-10 to 475)
Specific Gravity, ASTM D1298, 60/60°F	0.964
Color	Orange Red