



# PRODUCT DATA SHEET



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## SYNTHETIC CHAIN LUBRICANT

**Synthetic Chain Lubricant**, commonly known as Bel-Ray EPO 600 & 900, is a high temperature chain fluid for oven chain applications. The carefully designed combination of synthetic fluids controls and prevents residue formation on the chains. **Synthetic Chain Lubricant** exhibits excellent chemical stability and controlled volatility. The Extreme Pressure and anti-wear properties of **Synthetic Chain Lubricant** make it a high performance and high protection synthetic chain lubricant.

### *Applications*

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- ◆ Bearings, chains and conveyors in sealing and shrink wrap systems, tender chains, drying ovens and curing ovens

### *Features and Benefits*

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|---|---|
| ◆ Thermal stability                         | Less carbon residue.  |
| ◆ Synthetic formula                         | Extends bearing, chain or conveyor life.  |
| ◆ Extreme Pressure anti-wear and properties | Maximizes component life helping to reduce replacement part costs and lost production time. |
| ◆ USDA H2 rated                             | Acceptable in food plants where there is no possibility of food contact.                    |

### *General Description*

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**Synthetic Chain Lubricant** is a synthetic lubricant formulated with anti-wear and thermal stabilizers for high temperature applications. **Synthetic Chain Lubricant** has proven performance in oven fan bearings and roller chain applications which operate well beyond the temperature range tolerable by conventional petroleum base products.

**Synthetic Chain Lubricant** is available in two (2) grades to satisfy most applications.

### *Product No. 58700, 58750*

# SYNTHETIC CHAIN LUBRICANT

## TYPICAL PROPERTIES

<b><u>Product No.</u></b>	<b><u>58700</u></b>	<b><u>58750</u></b>
ISO Viscosity Grade	150	220
SAE Gear Oil Grade	90	90
Base Fluid Type	Synthetic Esters and Hydrocarbons	
Viscosity, ASTM D445		
@ 40°C, cSt	148	218
@ 100°C, cSt	13.6	17.1
Viscosity, ASTM D2161		
@ 100°F, SUS	781	1161
@ 210°F, SUS	74.1	88.7
Viscosity Index, ASTM D2270	85	81
Falex EP Test, ASTM D3233 Method B		
Non-seizure Load, lbf	2000	2000
4-Ball Wear Test, ASTM D4172		
@ 1200 rpm, 40 kg, 1 hr, 75°C		
Scar Diameter, mm	0.46	0.46
Flash Point, ASTM D92		
°C	220	225
(°F)	(428)	(437)
Specific Gravity, ASTM D1298, 60/60°F	0.929	0.912
Color	Green	Green