



PRODUCT DATA SHEET



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

- ◆ 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

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. 301231, 301232

Page 1 of 2

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SYNTHETIC CHAIN LUBRICANT

TYPICAL PROPERTIES

<u>Product No.</u>	<u>301231</u>	<u>301232</u>
<u>Old Product No.</u>	<u>58700</u>	<u>58750</u>
ISO Viscosity Grade	150	220
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