



SYNTHETIC CHAIN OIL 900

HIGH TEMPERATURE CHAIN OIL

May 2004

General Information

Synthetic Chain Oil 900 is manufactured from polyol esters specifically designed to lubricate bearings, chains, slides and gears in applications where air temperatures exceed 500F. Synthetic base stocks provide a very high flash point, low volatility and a very low coefficient of friction. They actually clean residue left from degraded mineral oil-based products and do not form deposits at high temperatures.

In service **Synthetic Chain Oils** offer the following benefits:

- ◆ Reduced friction to save energy
- ◆ Low volatility
- ◆ Excellent low and high temperature performance
- ◆ Do not form deposits
- ◆ Superior protection against wear, rust and corrosion

Product Applications

- ◆ Roller chains on oven conveyors
- ◆ Drying ovens
- ◆ Paint and Ceramic Curing Ovens
- ◆ Kiln support rollers, wheel bearings cement plants
- ◆ Bakery oven chains
- ◆ High temperature bearing, cam or slide lubrication

Typical Properties

High Temp Chain Oil 900	TEST METHOD	TYPICAL
Colour and Appearance	Visual	Amber
Viscosity, cSt @ 40 °C	ASTM D-445	80
Viscosity, Index	ASTM D-2270	140
Pour Point, °C	ASTM D-97	-40
Specific Gravity @15.6 C	ASTM D-1298	.975
Flash Point, °C	ASTM D-92	282
4-Ball Wear Test – Scar Diameter. mm	ASTM D-2266	.38

USDA H-2 Approved

The typical properties shown above are representative of current production. Some are controlled by manufacturing and performance specifications while others are not. All may vary within modest ranges.