

SENSYN 1138

SYNTHETIC POLYESTER BASED LUBRICANT
(GROUP V)

DESCRIPTION:

SenSyn 1138 is a unique synthetic lubricant designed to lubricate the roller chains used in industrial ovens where air temperatures often exceed 500°F. It is an ashless fluid and does not contain residue forming solids such as molybdenum disulfide or graphite. While designed for oven chain use, **SenSyn 1138** may be used in many industrial applications where clean, high temperature performance is essential, such as impregnated bearings, tenter frames, sealed for life units, etc.

Some of the advantages of **SenSyn 1138** are:

- * **EXCEPTIONAL HIGH TEMPERATURE STABILITY** - **SenSyn 1138** is based entirely on polyol ester stocks and does not use unstable polymers to build viscosity. This results in a reduced tendency to form carbon and varnish deposits in high temperature applications.
- * **CLEANLINESS** - **SenSyn 1138** is an ashless lubricant. This helps to eliminate the accumulation of solids that create maintenance clean-up problems and down time. In fact, **SenSyn 1138** is often credited with helping to clean chains already dirtied from inferior lubricants.
- * **LOW VOLATILITY** - **SenSyn 1138** maintains a liquid lubricating film at elevated temperatures thus effecting substantially longer lubrication intervals and reduced lubricant consumption.
- * **ENERGY EFFICIENT** - Because **SenSyn 1138** is a clean, fluid-film lubricant, it will frequently provide significant reductions in equipment energy consumption.
- * **BETTER PROTECTION** - **SenSyn 1138** is formulated to provide excellent protection against wear, rust, oxidation and corrosion thus extending equipment life and reducing maintenance costs.



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* **USDA APPROVAL** - **SenSyn 1138** is approved by USDA for H-2 (formerly BB) service.

SPECIFICATIONS:

VISCOSITY

at 210°F cSt (SUS)	11.4 (64)
at 100°F cSt (SUS)	78 (360)

FLASH POINT, °F (°C) 540 (282)

FIRE POINT, °F (°C) 620 (327)

POUR POINT, °F (°C) -30 (-34)

ASH CONTENT, WEIGHT % <0.01

EVAPORATION LOSS, WEIGHT %
(6 1/2 hours at 400°F) 1.2

SHELL 4-BALL WEAR, SCAR, MM
1200 rpm, 10 kg, 167°F, 1 h 0.22
1200 rpm, 40 kg, 167°F, 1 h 0.38

DENSITY AT 60°F, lb/gal 8.24

