

VESTAN SYN OCL Series



LUBRICATION



Synthetic Polyolester, High Temperature Oven Chain Lubricants.

APPLICATIONS

Synthetic, High Temperature
Chain Lubricant.

NSF H1 Certified
FDA 21 CFR 178.3750 Approved

- **VESTAN SYN OCL Series** are advanced, high performance synthetic lubricants, formulated with food grade polyolester base stocks and additives that optimize the performance and stability of the lubricant. They have been specifically designed for extreme high temperature environments.
- **Vestan SYN OCL 100 & 220** has very high flash points over 590°F and excellent lubricity properties providing maximum protection.
- Uses include: bakery oven chains, conveyor roller ball bearing chains, pin and roller chains on tunnel and tray ovens, tender frame oven chains, tortilla chains, paint oven chains, lithographic chains, wood laminating chains, fiberglass production, cement plants, kiln car wheel bearings and support rollers, beverage can lines, drying ovens, slides and gears that operate in high temperature environments. Can also be considered for high pressure reciprocating air compression applications such as plastic bottling.

ADVANTAGES

Long equipment life and high
operating reliability.

- Very stable at high temperatures.
- Protection against wear, friction, rust, and corrosion insuring maximum equipment life.
- Oxidation resistant.
- Low evaporation and volatility which reduces consumption.
- Longer life of chains, conveyors, and rails.
- High solvency.
- Low friction reduces amperage.

TYPICAL CHARACTERISTICS	METHODS	VESTAN SYN OCL 100	VESTAN SYN OCL 220
ISO Grade		100	220
SAE Grade		30	50
Appearance	Visual	Amber	Amber
Viscosity at 40°C, cSt	ASTM D 445	100.0	220.0
Viscosity at 100°C, cSt	ASTM D 445	12.0	19.0
Viscosity Index	ASTM D 2270	120	95
Flash Point, COC, °F(°C)	ASTM D 92	590(310)	599(315)
Fire Point, COC, °F(°C)	ASTM D 92	662(350)	662(350)
Pour Point, °C	ASTM D 97	-40	-25
RBOT, min. (150 °C)		660	1030
4 Ball Wear Test, 40kg, 1200 rpm @ 100°C, scar diameter, mm	ASTM D 4172	0.44	0.64
4 Ball Wear Test, 40kg, 600 rpm @ 200°C, scar diameter, mm	ASTM D 4172	0.45	0.48
Weight Loss %, 22 hrs @ 204°C	ASTM D 972	2.6	2.0
Weight Loss %, 20 hrs @ 260°C	ASTM D 972	26.0	29
Residue %, 20 hrs @ 260°C	ASTM D 972	14	20

TOTAL Lubricants USA, Inc.

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