

## HT-300

### HIGH TEMPERATURE SYNTHETIC OVEN CHAIN LUBRICANT

**DESCRIPTION: 100% Synthetic, Fully Formulated, ISO 100 (30W), Oven and Industrial Lubricant. 1988 LANHAM MACHINERY, INC., & APV/TURKINGTON & BAKETECH APPROVED**

**APPLICATIONS:** All ingredients used in HT-300 are USDA H2 approved.

- Bakery oven chains: Conventional (tunnel and tray ovens/bread and bun), Continuous roller ball bearing conveyor oven chains, ice cream cone ovens both ferris and sugar cone and corn/flour tortilla chains
- Tenter frames in textile plants; Roller chains on conveyor belts; Kiln support rollers in cement plants
- Sealed for life bearings; Drying oven chains for paint lines
- Lithographic chains for beverage can line ovens; Kiln car wheel bearings in refractory plants
- Many others

### FEATURES & BENEFITS:

- Exceptional high temperature stability – HT-300 is made from polyol esters and does not use polymers to build viscosity or viscosity index. This feature results in a reduction to form carbon and varnish deposits in high temperature applications.
- Cleanliness – HT-300 is an ashless lubricant, which helps to eliminate accumulation of solids that create maintenance clean-up problems and downtime. It is often credited with helping to clean chains already dirtied by inferior lubricants.
- Low Volatility – Provides longer lubrication intervals, reduced consumption, less smoke and no odors.
- Energy efficient – Reduces equipment energy consumption.
- Protection against – Rust, wear, oxidation and corrosion. Extends equipment life and reduces maintenance costs.
- Optimum viscosity – Excellent for lower and higher temperatures than regular petroleum oils.
- USDA Authorized – HT-300 is authorized by USDA for use in federally inspected meat and Poultry plants.

### HT-300 SPECIFICATION PROPERTIES:

Property	Typical Specification	Test Method
SAE Viscosity Grade	30 (ISO 100)	
Evaporation Loss, wt. % (6 ½ hours @400°F)	1.5	ASTM D972
Evaporation Loss, wt. % (20 hours @450°F)	9.5	ASTM D972
Flash Point °C, C.O.C. (°F)	308°C (586°F)	ASTM D92
4 Ball Wear Scar, MM- 1 Hour, 1200 rpm, 40 Kg, 75 C (167F)	0.3	ASTM D972
Density, lbs./USG @ 15.6°C (60°F)	8.10	ASTM D1298

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Viscosity @ 210°F., SUS @ 100°F., SUS	69 351	ASTM D445 ASTM D445
Viscosity @ 210°F., cSt @ 100°F., cSt	10.8 82	ASTM D445 ASTM D445
Viscosity Index	145	ASTM D2270
Pour Point °F	-32	ASTM D97
Fire Point °C (°F)	338 (6640)	ASTM D92
Ash Weight %	<0.01	ASTM D482
Rust Test, 48 Hours Distilled Water Sea Water	Pass Pass	ASTM D665A ASTM D665B
Appearance	Clear Amber liquid	QL4099