

PRODUCT DATA SHEET



VHT-CL Food Grade 68

FG
FOOD GRADE

Synthetic Oven Chain Lubricant

is a premium, full synthetic, high temperature oven chain lubricant formulated from the highest quality food grade polyolester (POE) base stock.

VHT-CL Food Grade 68 is NSF Registered and H1 designated, meeting FDA 21 CFR 178.3570 for use in applications where incidental contact with food is possible.

VHT-CL Food Grade 68 is specially formulated for use in bakeries and other food production environments where its:

- *high flash point*
- *low smoke*
- *extremely low evaporation loss*
- *excellent anti-wear characteristics*
- *thermo-oxidative stability*
- *resistance to deposit formation*
- *suitability for use in automated lubrication systems*

make it an excellent choice for use in:

- *conveyorized / continuous ovens*
- *tray ovens*
- *tunnel ovens*
- *spiral ovens*

used in the production of bread, rolls, bagels, pita, flatbread, tortillas and other food products and packaging.



Properties / Characteristics	VHT-CL Food Grade 68
ISO Grade	68
Viscosity @ 40°C, cSt @100°C, cSt	68 9.7
Viscosity Index	115
Specific Gravity	0.99
Flash Point, °F (°C)	580 (304)
Fire Point, °F (°C)	615 (325)
Pour Point, °F (°C)	-26 (-32)
Four Ball Wear Scar Test, 40 Kg, 600 RPM @ 200°C (400°F), 1 Hr. Average Wear Scar Diameter, mm	0.43
Four Ball Wear Scar Test, 40 Kg, 1200 RPM @ 200°C (400°F), 1 Hr. Average Wear Scar Diameter, mm	0.53
RPVOT, min (150°C)	>1000
Evaporation Loss, 6.5 Hrs @ 204°C (400°F)	<3%
Evaporation Loss, 24 Hours	<5%
Appearance	Light Amber Liquid
Odor	Mild
NSF Registration (#155040)	H1