

TECHNICAL DATA SHEET

PRODUCT AND SUPPLIER

Product Name	Lexolube® FG-H1 OCL Formulated Food Grade Oven Chain Lubricants
Suppliers Details	Inolex Chemical Company 2101 South Swanson Street Philadelphia, PA 19148-3497 USA 215-271-0800 800-521-9891 Fax 215-271-6282 Cheminfo@inolex.com

Product Description

Lexolube® FG-H1 Oven Chain Lubricants are made from a patent pending combination of food grade polyester base stocks and additives that optimise the performance and stability the lubricant. They are available in a range of viscosities for most high temperature food processing operations.

Features and Benefits

- Fully Formulated, Ready to Use
- FDA 21 CFR 178.3750 Approved
- NSF H1 Certified
- Low Friction, Anti-wear, EP
- Good Thermal Stability
- Low Volatility
- High Solvency
- Oxidation Resistance
- Corrosion Protection
- Low Maintenance

Applications

- Oven Chain Oils
- Baking Ovens
- Food Processing

Storage and Handling

These products should be warehoused in unopened containers at ambient temperature.

PROPERTIES

Typical Properties				
Property, Units	68H1	100H1	220H1	350H1
Appearance, Visual	Amber	Amber	Amber	Amber
Odor, Olfactory	Mild	Mild	Mild	Mild
Viscosity, cSt(40°C)	70	100	220	350
Viscosity, cSt(100°C)	10	12	19	24
Viscosity Index	125	120	95	85
Pour Point, °C	-50	-40	-40	-20
Flash Point, °C (COC)	315	310	315	305
Fire Point, °C (COC)	345	350	350	335
RBOT, min. (150°C)	750	660	1030	1170
4 ball wear, mm (40kg, 1200 rpm, 100°C)	0.48	0.44	0.64	0.72
4 ball wear, mm (40kg, 600 rpm, 200°C)	0.44	0.45	0.48	0.49
Weight loss, % (22 hrs, 204°C)	2.3	2.6	2.0	1.9
Weight loss, % (20 hrs, 260°C)	24	26	29	31
Residue, % 20 hrs, 260°C	12	14	20	20

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REGULATORY STATUS

TSCA (USA)	✓
EINECS (EU)	✓
ENCS (Japan)	NO
DSL (Canada)	✓
AICS (Australia)	✓
ECL (Korea)	✓
IECSD (China)	✓
PICCS (Philippines)	✓
Food Contact	NSF H1

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