


LEXOLUBE® Private Label NSF H1 Food Grade Oven Chain Lubricants Technical Data Sheet

Food processing lubricants are nonfood compounds that can be used in applications where incidental food contact is possible. LEXOLUBE FG H1 OCL's are based on the highest quality HX-1 polyol esters and performance enhancing additives to deliver proven efficiency in high temperature oven gear/chain applications. Synthetic ester chain lubricants provide excellent thermal/oxidative stability, for long service life and low deposit formation. They are available in a full range of high temperature viscosity grades.

Note: LEXOLUBE Private Label OCL products are exclusively available to lubricant marketers for rebranding. These products must not be sold to end users under the LEXOLUBE brand name. Patents US 10,508,248, US 11,286,442, EP 3541907, CA 2726988C apply.

Property	Test Method	FG-46 H1 OCL	FG-68 H1 OCL	FG-100 H1 OCL	FG-220 H1 OCL	FG-350 H1 OCL
Appearance	Visual	Amber	Amber	Amber	Amber	Amber
Odor	Olfactory	Mild	Mild	Mild	Mild	Mild
Viscosity, cSt (40°C)	ASTM D445	46	68	100	220	350
Viscosity, cSt (100°C)	ASTM D445	7	10	12	19	24
Viscosity Index	ASTM D2270	135	130	115	95	85
Pour Point, °C	ASTM D97	-45	-45	-40	-20	-20
Flash Point, °C (COC)	ASTM D92	270	310	305	305	300
Fire Point, °C (COC)	ASTM D92	310	330	340	340	345
RPVOT, min. (150°C)	ASTM D2272	700	750	800	1030	1170
4 ball wear, mm (40kg, 1200rpm, 100°C)	ASTM D4172	0.46	0.48	0.44	0.64	0.72
4 ball wear, mm (40kg, 600 rpm, 200°C)	ASTM D4172	0.44	0.44	0.45	0.48	0.49
Weight loss, % (22 hrs, 204°C)	Z&S	2.5	2.3	2.6	2.0	1.9
Weight loss, % (20 hrs, 260°C)	Z&S	24	24	26	29	31
Residue, wt. % (20 hrs, 260°C)	Z&S	10	12	14	20	20

Features

- ▶ Fully Formulated, Ready to Use
- ▶ NSF H1 Listed
- ▶ Meets FDA 21.CFR 178.3570
- ▶ EP/AW, Corrosion Protection
- ▶ Excellent Thermal/Oxidative Stability
- ▶ Kosher and Halal certified 

Applications

- ▶ Baking Ovens
- ▶ Food Processing Conveyers
- ▶ Dehydration/Drying Ovens
- ▶ Rotisserie/Roasting Ovens
- ▶ Filling/Packaging/Sealing Lines
- ▶ Beverage Filling/Processing



Please inquire about additional tailor-made products that can be made to fit your exact performance requirements.

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