

FG H1 OCL
High Temperature Oils
FOOD GRADE H1



Tecnite High Temp H1 registered oven chain oils are produced from a combination of food grade polyol ester base stocks and additives. Developed to operate in temperatures up to 260°C the additive package maximizes the lubricant’s wear protection capabilities while minimizing evaporation losses. These features result in extended chain life and lower oil consumption cost benefits. Key applications for Tecnite High Temp H1 oils include high-temp oven drive and transport chains found in bakeries and other food processing operations.

Features

- NSF H1 registered incidental food contact
- Fully formulated synthetic esters for food processing equipment and baking oven applications
- Low smoke, low deposit, very clean
- Thermal and hydrolytic stability – low evaporation loss
- Low friction, anti-wear EP
- Good oxidation resistance
- High solvency

Typical Product Data - FG H1 OCL

	Type	68	100	220	350
	Unit	Value			
Base Material		food grade polyol synthetic esters			
Appearance	visual	Amber in color			
Specific Gravity	Kg/L @ 25°C	0,99	0,98	0,97	0,97
Odor		Mild			
Shelf Life	months	36			

Property Data – FG H1 OCL

	Type	68	100	220	350
	Unit	Value			
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	-25	-20
Flash Point	°C	315	310	315	305
Fire Point	°C	345	350	350	335
RBOT	min. @ 150°C	750	660	1030	1170
4 Ball Wear 40kg 1200rpm @ 100°C	mm	0,48	0,44	0,64	0,72
4 Ball Wear 40kg 600rpm @ 200°C	mm	0,44	0,45	0,48	0,49
Weight Loss %	204°C 22 hours	2,3	2,6	2,0	1,9
Weight Loss %	260°C 20 hours	24	26	29	31
Residue %	260°C 20 hours	12	14	20	20
NSF Registration Number		143169	143170	143171	143172

Regulatory Status

In addition to NSF H1 registered for incidental food contact the **Tecnite High Temp Oil H1 FG product range** is also approved to TSCA(USA), EINECS(EU), DSL(Canada), AICS(Australia), ECL(Korea), IECSD(China) standards.

Method of Use

Tecnite High Temp Oil H1 FG products can be applied by brush or central lubrication system. Any existing lubricants or other excess material should first be removed.

Shelf Life and Storage Information

Tecnite High Temp Oil H1 FG products may be stored for 36 months in its original unopened container. Product should be stored in a dry area under standard ambient warehouse temperature conditions.

Packaging

Pails	5 and 20 liters	Drums	190 kilos
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Health and Safety

The user is cautioned to avoid skin and eyes contact with the products. If eye contact occurs, immediately flush eyes with large amounts of water for at least 15 minutes and secure medical attention. If skin contact occurs, remove excess material with a dry towel and wash affected area thoroughly with soap and water.

For additional information on this product's hazards and recommended precautions please refer to the relative product material safety data sheet.

The information contained in this technical data sheet is to the best of our knowledge correct. However, by no means can it be considered a guarantee as usage, working area and application of the product in accordance with the instructions given and their success in application, is beyond our control and is dependent on a number of factors. We decline any responsibility for the improper use of the product as the application recommendations contained herein are to be considered only as a general guideline. If at all in doubt, preliminary tests should be carried out.

Tecnite is a registered trade mark of Distributors Group Europe bv

DISTRIBUTORS GROUP EUROPE

Handelsweg 6, NL- 2404 CD Alphen aan den Rijn, The Netherlands
Tel. 0031-172-436361 Fax 0031-172-420310
info@dge.nl www.dge-europe.com

