



Also available in  
SKF SYSTEM 24



## Food grade chain oil

Our food grade chain oil range is specifically developed for food and beverage applications where high temperature, high humidity and low temperatures are critical factors to consider in the selection of the correct oil. The whole range is NSF, H1 approved, therefore fit for the food and beverage industries.

### LFFM 80

High moisture chain oil LFFM 80 exhibits particularly good performance in high moisture environments such as in proofers and pasta driers as well as in applications where condensation might occur. This low viscosity semi-synthetic base oil prevents residue build-up on the chains and offers good wear and corrosion protection.



### LHFP 150

General purpose chain oil LHFP 150 excels in low to elevated temperature applications such as in confectionery industries and fruit and vegetable processing. The formulation is based on a synthetic oil and the product provides good corrosion and wear protection together with good aging and oxidation stability.



### LFFT 220

High temperature performance chain oil LFFT 220 is mainly for use in bakery ovens or other equipment subjected to high temperatures. It provides good wear protection and low evaporation losses at elevated temperatures along with excellent oxidation resistance due to its formulation and synthetic base.



## Technical data

Designation	LFFM 80	LHFP 150	LFFT 220
Description	Food grade (NSF H1) oil	Food grade (NSF H1) oil	Food grade (NSF H1) oil
Specific gravity	0.89	0.85	0.95
Colour	White	Colourless	Yellow
Base oil type	Semi synthetic (mineral/ester)	Synthetic ester	Synthetic ester
Operating temperature range	-30 to +120 °C (-22 to +248 °F)	-30 to +120 °C (-22 to +248 °F)	0 to 250 °C (32 to +482 °F)
Base oil viscosity: 40 °C (104 °F), mm <sup>2</sup> /s 100 °C (212 °F), mm <sup>2</sup> /s	approx. 80 approx. 10	ISO VG 150 approx. 19	ISO VG 220 approx. 17
Flash point	>200 °C (>392 °F)	>200 °C (>392 °F)	>250 °C (>482 °F)
NSF approval	H1 (No: 146767)	H1 (No: 136858)	H1 (No: 146768)

## Ordering details

Pack sizes	LFFM 80	LHFP 150	LFFT 220
Can 5 litre	LFFM80/5	LHFP150/5	LFFT220/5
SKF SYSTEM 24 / LAGD 125 ml	LAGD 125/FFM80*	LAGD 125/HFP15*	LAGD 125/FFT22*

\* Includes non-return valve

## Benefits

Selecting the correct oil for your application can bring multiple benefits to your process:

- All SKF Chain Oils offer high resistance to oxidation and good aging stability which leads to improved chain life.
- Relubrication intervals are longer and oil consumption is lower which in turn reduces energy consumption, improves processing efficiency, extends the chain life and brings maintenance costs down.
- Odourless and tasteless, food grade chain oils comply with common food contact regulations and provide a high level of safety and ease of handling.

## Typical applications

Typical applications in the food and beverage industry include:

- Conveyor chains
- Drive chains
- Lift chains

For low-speed chains, brush lubrication is typically used whilst for medium-speed chains, drip oil application is required. For high-speed chains, projection lubrication (via lubrication systems) is necessary to help ensure continuous lubrication.

SKF Chain Oils are available in 5 litre cans and as an oil fill for the SKF SYSTEM 24 single point automatic lubricator.

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