



# Metachain FG

## Food grade, high temperature chain lubricant



### Description

Metachain FG products are fully synthetic lubricants specifically designed to lubricate and protect the chain systems where food safety is a concern. The products are formulated from advanced synthetic ester base fluids carefully selected to deliver maximum thermal stability to cope with extremely high operating temperatures. The advanced additive system minimizes friction and wear and protects against thermo-oxidative degradation ensuring that chains are kept free from carbon deposit build-up.

Metachain FG-30 and FG-35 comply with the NSF H-1 requirements for lubricants with incidental food contact. They are suitable for use at operating temperatures up to 280°C.

Metachain FG-40 and FG-45 comply with the NSF H-2 requirement for lubricants with no food contact. They are suitable for use at operating temperatures up to 280°C

### Features and benefits

- Excellent resistance to thermo-oxidative degradation minimizes carbon deposit build-up
- Fully synthetic base fluids and anti-wear additives deliver outstanding lubrication at high operating temperatures
- Suitable for use on most types ovens chain systems
- Capable of operating at temperatures up to 280°C
- NSF nonfood compounds registered
  - FG-30 NSF H1 category registration number: 151285
  - FG-35 NSF H1 category registration number: 155811
  - FG-40 NSF H2 category registration number: 154696
  - FG-45 NSF H2 category registration number: 154697

Global specialists in high-performance lubricants

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Company registration number: 2263118; Company registered in England VAT registration number GB108244927000



Cert No 2367QM8001



## Metachain FG

### Recommended instructions for use

Metachain FG products should be used as supplied. Lubrication systems should ideally be drained and flushed prior to introduction of new lubricants. For optimal results chains and tracks should be cleaned during change-over.

### Pack sizes

20 ltr and 200 drums

### Technical data (typical values)

Property	Test	FG-30	FG-35	FG-40	FG-45
Appearance	MSTM 1	Clear yellow to orange fluid		Clear yellow fluid	
Base fluid type	-	Synthetic ester		Synthetic hydrocarbon and ester	
Kinematic viscosity at 40°C	MSTM 27	390 cSt	220 cSt	100 cSt	280 cSt
Density at 20°C	MSTM 23	0.97 g.cm <sup>-3</sup>	0.97 g.cm <sup>-3</sup>	0.97 g.cm <sup>-3</sup>	0.95 g.cm <sup>-3</sup>
Operating temperature		-30°C to +280°C			
NSF category		H-1	H-1	H-2	H-2

### Storage

Store out of direct sunlight. Storage temperature should be controlled to between 5°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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