



# TECHNICAL DATA

Rev.5/12

## FOOD GRADE PROOFER CHAIN LUBE FG-100 PREMIUM MINERAL OIL & ESTER BLEND, H-1 FOOD GRADE

**FOOD GRADE PROOFER CHAIN LUBE FG-100 has been formulated for lubrication in high humidity environments and room temperature chain applications.** This specially formulated lubricant contains an optimized combination of anti-wear agents, rust inhibitors and polymeric viscosity improvers. FOOD GRADE PROOFER CHAIN LUBE FG-100 provides outstanding performance advantages over conventional mineral oils. It has been designed to provide extremely high performance on bakery proofer chains and other food-processing equipment in humid environments.

This proofer chain oil provides a superior lubricating film for all food environment conveyor wheels, chain links, bearings and pivots that dramatically reduces component wear and conveyor chain failure. Anti-wear performance is enhanced using a selection of food grade anti-wear additive chemistry and high performance ester components that outperform competitor products in the areas of friction and lubricity.

PROOFER CHAIN LUBE FG-100's proprietary blend of food grade rust and corrosion inhibitors provides excellent water displacement and rust inhibition to conveyor chain components subjected to the high levels of water and condensate found in baking and other food processing applications. This proofer chain oil will extend the life and lube intervals of your costly conveyor chains and processing equipment. This proofer chain incorporates a synthetic polymer and ester blend to prevent dripping of lubricant onto the rising dough and other processed products.

### PHYSICAL PROPERTIES:

Property	Test Method	Typical Specification
SAE Grade		30
ISO Viscosity Grade	ASTM D2422	100
Viscosity, cSt @ 40°C @ 100°C	ASTM D445 ASTM D445	106 12.14
Viscosity Index	ASTM D2270	105
Pour Point, °C (°F)	ASTM D97	-11 (-24)
Flash Point, °C (°F)	ASTM D92	188 (370)
Copper Corrosion	ASTM D130	1b
Specific Gravity	ASTM D1298	0.86

### Petrochem, Inc.

6N999 Whispering Trail Road, St. Charles, IL 60175

Phone (630) 513-6350 Fax (630) 513-8324

Web [www.petrochem1.com](http://www.petrochem1.com)

Email [info@petrochem1.com](mailto:info@petrochem1.com)



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