



**PETROCHEM, INC.**

**SPECIALTY LUBRICANTS**

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

Phone: 630.513.6350 Fax: 630.513.8324

www.petrochem1.com info@petrochem1.com

## TECHNICAL DATA SHEET



# PMO FG-100 & FG-150

(PMO) PREMIUM MINERAL OIL AND ESTER BLEND

H-1 Food Grade, Room Temperature & High Humidity Chain Applications

Petrochem's FOODSAFE PMO FG 100 & FG 150 have been formulated to provide all room temperature chain applications, proofer chains, gears, bearings and all moving parts outstanding service in terms of equipment protection, oil life and problem-free operations to increase customer productivity. PMO FG-100 & FG-150 provides outstanding performance advantages over conventional mineral oils. This specially formulated premium mineral and ester blend lubricant contains an optimized combination of anti-wear agents, rust inhibitors and polymeric viscosity improvers.

PMO FG-100 & FG-150 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. It has been designed to provide extremely high performance on bakery proofer chains and other food-processing equipment in humid environments.

### Typical Physical Properties:

		<b>ASTM TEST METHOD</b>	<b>PMO FG 100</b>	<b>PMO FG 150</b>
SAE Grade			30	40
ISO Viscosity Grade		D2422	100	150
Viscosity, cSt	40°C	D445	106	149
	100°C		12.14	16
Viscosity Index		D2270	105	113
Pour Point,	°C/°F	D97	-11/-24	-11/-24
Flash Point,	°C/°F	D92	188/370	188/370
Copper Corrosion		D130	1b	1b
Specific Gravity		D1298	0.86	0.86

Available in 5 gallon and 55 gallon drum container sizes. Coming Soon: Will be packaged in Aerosol cans available through Grainger.