



# TECHNICAL DATA

Rev.5/12

## FOODSAFE HYDRAULIC FG SERIES SEMI-SYNTHETIC FOOD GRADE HYDRAULIC OILS

**FOODSAFE HYDRAULIC FG SERIES** semi-synthetic blend lubricants offer high performance at an affordable price and are specially formulated for hydraulic systems operating in the food service, beverage, and packaging industries. These synthetic blend lubricants (semi-synthetic) are NSF H-1 Registered, FDA approved and meet U.S.D.A. 1998 H-1 guidelines for lubricants with incidental contact with food.

### PRODUCT APPLICATION:

Food Processing Equipment	High Pressure Hydraulic Systems	Cooler Conveyors
Air Compressors	Circulation Systems	Proofer Conveyors
Airline Applications	Bakery Equipment	

### PRODUCT FEATURES:

- Colorless, odorless and manufactured from premium mineral oils and synthetic blend base stocks which contain selective additives to provide long term oxidation stability, rust & corrosion protection, EP wear protection, and good demulsibility.
- Provides excellent wear protection
- Available in 1 gallon, 5-gallon pail or 55-gallon drum

### PHYSICAL PROPERTIES:

FOODSAFE PRODUCTS	HYDRAULIC FG-32	HYDRAULIC FG-46	HYDRAULIC FG-68	HYDRAULIC FG-100
ISO GRADE	32	46	68	100
SAE GRADE	10W	15W	20W	30
Viscosity Index	101	101	101	100
Viscosity @ 40° C, cSt	32.0	42.0	68.0	97.2
Viscosity @ 100° C, cSt	5.38	6.41	8.76	11.14
Viscosity @ 100°F, SUS	165.4	216.0	352.0	505.0
Viscosity @ 210°F, SUS	44.3	47.7	55.8	64.4
Flash Point, ° F (°C)	445 (230)	445 (230)	450 (232)	445 (230)
Fire Point, °F (°C)	475 (246)	475 (246)	480 (249)	475 (246)
Pour Point, ° F (°C)	5 (-15)	5 (-15)	5 (-15)	-5.8 (-21)
Specific Gravity	0.865	0.868	0.870	0.873
Emulsion	40/40/0	40/40/0	40/40/0	40/40/0
Tendency	10 min.	10 min.	10 min.	10 min.
Color	Clear	Clear	Clear	Clear
NSF Registered	H-1	H-1	H-1	H-1

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**Member of the American Baking Society**

**HANDLING PRACTICES:**

For information on the safe handling and use of this product, refer to the Material Safety Data Sheet.  
For more information and availability, call (630) 513-6350.

**FOODSAFE HYDRAULIC SERIES** is specially formulated for hydraulic, airline, refrigeration and cooler conveyor systems operating in the food, beverage and packaging industries.