



## **BARREL VAC FG Series** (Vacuum pump oils for food machinery)

BARREL VAC FG series are vacuum pump oils for food machinery formulated with approved raw materials by FDA(Food and Drug Administration) and NSF(National Sanitation Foundation). BARREL VAC FG series are based on a careful blend of highly refined mineral oil, polyalphaolefin and selected additives chosen for their ability to meet the stringent requirements of the food and beverage industry.

### 1. Features

- (1) NSF H1-registered supporting process reliability.
- (2) Excellent oxidation and thermal stability.
- (3) Excellent water separation property.
- (4) Lower oil consumption.

### 2. Applications

BARREL VAC FG series are recommended for use in vacuum pumps within food and beverage processing and packing industry.

### 3. Typical properties

Property	BARREL VAC		
	FG-68	FG-100AH	
NSF Registration No.	134934	159939	
Category Code	H1	H1	
Density 15°C	g/cm <sup>3</sup>	0.848	0.847
Flash Point (COC)	°C	262	264
Pour Point	°C	-15.0	-20.0
Kinematic Viscosity 40°C	mm <sup>2</sup> /s	68.0	100
Kinematic Viscosity 100°C	mm <sup>2</sup> /s	10.6	14.8
Viscosity Index		144	154
Acid Number	mgKOH/g	0.20	0.20
Copper Strip Corrosion 100°C,3h		1	1
Water Separability 54°C	ml(min)	40-40-0(10)	40-40-0(10)*
Color (ASTM)		L0.5	L0.5
Base Oil		Highly refined mineral oil/PAO	Highly refined mineral oil/PAO

\* : 82°C

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