



BARREL SCREW FG Series (Screw compressor oils for food machinery)

BARREL SCREW FG series are screw compressor oils for food machinery formulated with approved raw materials by FDA(Food and Drug Administration) and NSF(National Sanitation Foundation). BARREL SCREW FG series are based on a careful blend of 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 SCREW FG series are recommended for use in screw air compressors within food and beverage processing and packing industry.

3. Typical properties

Property	BARREL SCREW		
	FG-32P	FG-46P	FG-68P
NSF Registration No.	134924	134925	156015
Category Code	H1	H1	H1
Density 15°C g/cm ³	0.829	0.834	0.837
Flash Point (COC) °C	248	264	280
Pour Point °C	-60.0	-57.5	-55.0
Kinematic Viscosity 40°C mm ² /s	32.0	46.0	68.0
Kinematic Viscosity 100°C mm ² /s	6.00	7.73	10.3
Viscosity Index	136	136	137
Acid Number mgKOH/g	0.18	0.18	0.18
Copper Strip Corrosion 100°C,3h	1	1	1
Oxidation Stability(RPVOT) min	3000	3000	3000
Water Separability 54°C ml(min)	40-40-0(10)	40-40-0(10)	40-40-0(10)
Color (ASTM)	L0.5	L0.5	L0.5
Base Oil	PAO	PAO	PAO

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