



**JOHN BOUCHARD & SONS CO.**

— SINCE 1900 —

## **JBS-250FG-46**

LONG-LIFE FOOD GRADE COMPRESSOR OIL

### **APPLICATIONS:**

JBS-250FG-46 is a full synthetic compressor oil formulated from the highest quality polyalphaolefin (PAO) base oils with a superior proprietary additive package to achieve long life. This long life compressor lubricant provides significantly improved wear, oxidation and lubricity over the currently available H-1 food grade synthetic oils allowing the service life to increase by 50% to 100%. JBS-250FG-46 is designed for rotary screw compressors and gives a service life up to 8,000 service hours in good operating conditions.

### **TYPICAL INDUSTRIAL APPLICATIONS:**

- Rotary Screw Compressors
- Rotary Vane Compressors
- Reciprocating Compressors
- Centrifugal Compressors
- Vacuum Pumps
- Meat Processing Plants
- Poultry Processing Plants
- Food Processing (NSF H-1)

### **PERFORMANCE BENEFITS:**

- Outstanding wear and lubricity properties
- Less varnish formation
- Low pour point & high flash point
- Good corrosion protection
- Increase oxidative stability
- Excellent compatibility with elastomers, seals, plastics, and paints
- Meets FDA 21 CFR 178.3570 H-1
- Deemed acceptable for use in Canada

<b>TYPICAL PROPERTIES</b>	<b>TEST METHOD</b>	<b>JBS-310PLUS-68</b>
ISO Grade	ASTM D2422	32/46
Viscosity @ 40°C,cSt	ASTM D445	42.0
Viscosity @ 100°C,cSt	ASTM D445	7.6
Viscosity Index	ASTM D2270	150
Flash Point, °C/°F	ASTM D92	261/501
Pour Point, °C/°F	ASTM D97	-50/-58
Foaming Sequence, I, II, III	ASTM D892	<20/0
Evaporative Loss, %	ASTM D972	<0.5
Four Ball Wear, 40 Kg., 1200rpm, 75°C, 1 hr., Scar Diameter, mm	ASTM D4172	<0.45
Specific Gravity	ASTM D4052	0.85