



JOHN BOUCHARD & SONS CO.

— SINCE 1900 —

## JBS-IR-46

### ROTARY SCREW COMPRESSOR LUBRICANT

#### APPLICATIONS:

JBS-IR-46 is developed from a unique premium blend of polyalkylene glycol (PAG) and pentaerythritol esters, which together form an exceptional coolant and act to reduce oxidation and deposit formation. This Coolant offers excellent heat transfer properties, long life, high flash points, low evaporation, low volatility, and excellent hydrolytic stability. JBS-SUL-32 does not form varnish deposits like petroleum or PAO oils. JBS-IR-46 is the generic alternative Ingersoll Rand SSR Ultra Coolant® and gives the equivalent service life of 8,000 hours in rotary screw compressors.

#### TYPICAL INDUSTRIAL APPLICATIONS:

- Rotary Screw Compressors

#### PERFORMANCE BENEFITS:

- 100% synthetic
- Wide temperature range
- Eliminates deposit formation
- Cost effective
- Eliminates seasonal oil changes
- Polyalkylene glycol/pentaerythritol ester blend
- Extended oil change intervals
- High flash points mean reduced fire hazards
- Waste disposal is minimized due to longer life

TYPICAL PROPERTIES	TEST METHOD	JBS-IR-46
ISO Grade	ASTM D2422	46
Viscosity @ 40°C,cSt	ASTM D445	45.4
Viscosity @ 100°C,cSt	ASTM D445	9.6
Viscosity Index	ASTM D2270	202
Flash Point, °C/°F	ASTM D92	220/526
Pour Point, °C/°F	ASTM D97	-51/-60
Auto-ignition, °C /°F	ASTM E659	>390
Foaming Sequences I, II, III	ASTM D892	< 10/0
Specific Gravity	ASTM D4052	0.99

SSR Ultra Coolant® is a registered trademark of Ingersoll Rand.