



# Bart & Associates

## INDUSTRIAL EQUIPMENT & SUPPLIES

### I-32P, I-46P, and I-68P PAO-BASED COMPRESSOR LUBRICANTS

#### Applications:

These PAO-based series are fully synthetic compressor oils that are formulated with the highest quality polyalphaolefin (PAO) base fluids. These 100% premium synthetic oils are used where maximum seal, paint, and plastic compatibility is required.

I-32P, I-46P, and I-68P are designed for rotary screw applications and offer a service life of up to 8,000 hours under a wide range of temperatures under good operating conditions.

#### **Typical Industrial Applications:**

- Rotary Screw Compressors
- Rotary Vane Compressors
- Reciprocating Compressors
- Centrifugal Compressors
- Vacuum Pumps

#### Performance Benefits:

- Outstanding thermal oxidative stability
- Very low pour point
- Wide operating temperature range
- Non-detergent and ashless
- Extended drain intervals / reduced oil disposal
- Excellent vapor pressure characteristics
- USDA H-2 authorized

TYPICAL PROPERTIES	TEST METHOD	I-32P	I-46P	I-68P
ISO Grade	ASTM D2422	32	46	68
Viscosity @ 40°C,cSt	ASTM D445	32	48	67
Viscosity @ 100°C,cSt	ASTM D445	5.5	7.9	10.3
Viscosity Index	ASTM D2270	140	134	139
Flash Point, °C/°F	ASTM D92	221/430	251/483	270/518
Pour Point, °C/°F	ASTM D97	-54/-65	-51/-60	-51/-60
Copper Corrosion	ASTM D130	1a	1b, shiny	1a
Foaming Sequences I, II, III	ASTM D892	Nil	Nil	Nil
Demulsibility	ASTM D1401	Excellent	40-40-0(10)	40/39/1
Four Ball Wear, 40 Kg., 1200rpm, 75°C, 1 hr., Scar Diameter, mm	ASTM D4172	<0.50	0.43	0.44
Specific Gravity	ASTM D1298	0.84	0.86	0.86