



Bart & Associates

INDUSTRIAL EQUIPMENT & SUPPLIES

I-32 PS and I-46 PS

PARTIAL SYNTHETIC COMPRESSOR OIL

I-32 PS and I-46 PS are a blend of synthetic and premium petroleum base fluids designed for use in rotary screw, rotary vane and reciprocating air compressors. The unique additive systems and highest quality synthetic components in these products make them greatly superior to petroleum products I-32 PS and I-46 PS extend service life up to 4,000 hours in rotary screw compressors under good operating conditions.

Typical Industrial Applications:

- Rotary Screw Compressors
- Rotary Vane Compressors
- Reciprocating Compressors
- Centrifugal Compressors

Performance Benefits:

- Extended oil change intervals compared to petroleum oils (3 X service life)
- Superior film strength
- Excellent anti-wear properties
- High flash point
- Low pour point

TYPICAL PROPERTIES	TEST METHOD	I-32 PS	I-46 PS
ISO Grade	ASTM D2422	32	46
Viscosity @ 40°C,cSt	ASTM D445	32	44.5
Viscosity @ 100°C,cSt	ASTM D445	6	7.8
Viscosity Index	ASTM D2270	146	145
Flash Point, °C/°F	ASTM D92	216/420	221/430
Pour Point, °C/°F	ASTM D97	-33/-27	-36/-33
Copper Corrosion	ASTM D130	1b	1b
Foaming Sequences I, II, III	ASTM D892	Nil	Nil
Demulsibility	ASTM D1401	Excellent	Excellent
Specific Gravity	ASTM D1298	0.90	0.91