



Bart & Associates

INDUSTRIAL EQUIPMENT & SUPPLIES

I-SVO SERIES

SYNTHETIC COMPRESSOR LUBRICANTS

Applications:

The I-SVO Series are fully synthetic lubricants for high performance in rotary screw air compressors and vacuum pumps. The I-SVO Series utilizes the latest technology available in combination with excellent lubricant additive systems to provide the performance of a synthetic at a less expensive cost. The I-SVO Series are made from a severely hydro-treated, hydro-cracked hydrocarbon base fluid.

I-SVO 32, I-SVO 46, and I-SVO 68 are designed for rotary screw compressors and yield a service life of 6,000 hours in rotary screw compressors at wide temperatures in good operating conditions.

I-SVO 100 is designed for reciprocating compressors.

Typical Industrial Applications:

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

Performance Benefits:

- Compatibility with most synthetics including PAO's and esters
- Excellent rust protection
- Excellent demulsibility
- Easy conversion from PAO or mineral oils
- Superior wear protection

TYPICAL PROPERTIES	TEST METHOD	I-SVO 32	I-SVO 46	I-SVO 68	I-SVO 100
ISO Grade	ASTM D2422	32	46	68	100
Viscosity @ 40°C,cSt	ASTM D445	36.6	45.2	67	95.4
Viscosity @ 100°C,cSt	ASTM D445	6.5	7.5	9.9	12.4
Viscosity Index	ASTM D2270	130	130	132	124
Flash Point, °C/°F	ASTM D92	240/464	240/464	240/464	240/464
Pour Point, °C/°F	ASTM D97	-42/-44	-39/-38	-33/-27	-31/-23
Copper Corrosion	ASTM D130	1a	1b	1b	1a
Foaming Sequences I, II, III	ASTM D892	Nil	Nil	Nil	Nil
Specific Gravity	ASTM D1298	0.85	0.86	0.86	0.86