



Bart & Associates

INDUSTRIAL EQUIPMENT & SUPPLIES

I-46 PE and I-68 PLUS

SYNTHETIC COMPRESSOR LUBRICANTS

Applications:

I-46 PE and I-68 Plus are made with a very thermally and oxidatively stable polyol ester (POE) blend. These fully synthetic premium lubricants are formulated to form less varnish under high temperature applications and to be more resistant to acidic intake air than the polyalkylene glycol coolants. Under normal operating conditions you can expect to obtain up to 11,000 hours of lubricant service life in rotary screw compressors.

Typical Industrial Applications:

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

Performance Benefits:

- Outstanding thermal and oxidative stability
- Extended drain intervals reduces oil disposal
- Wide operating temperature range
- Excellent anti-wear protection
- Compatible with most compressor oils
- Improved safety - High flash point

TYPICAL PROPERTIES	TEST METHOD	I-46 PE	I-68 Plus
ISO Grade	ASTM D2422	46	68
Viscosity @ 40°C,cSt	ASTM D445	44.4	66
Viscosity @ 100°C,cSt	ASTM D445	7.3	9.9
Viscosity Index	ASTM D2270	126	132
Flash Point, °C/°F	ASTM D92	240/464	240/464
Pour Point, °C/°F	ASTM D97	-50/-58	-50/-58
Foaming Sequences I, II, III	ASTM D892	Nil	Nil
Demulsibility	ASTM D1401	Excellent	Excellent
Evaporation, %	ASTM D972	1.0	1.0
Specific Gravity	ASTM D1298	0.89	0.89