

PRODUCT INFORMATION



Powers-All Full Synthetic HT Compressor Oil

DESCRIPTION: PWRSALL FS HT Compressor Oil is polyalphaolefin (PAO) based full synthetic lubricants for use primarily in air and gas compressors.

BENEFITS: PWRSALL FS HT Compressor Oil is designed to provide full lubricant protection in demanding compressor service with much longer service life than conventional mineral oil compressor fluids. They are designed to withstand sustained extreme temperatures over a very long service life.

- Wide operating temperature range with excellent low temperature flow
- Stable in oxidation-prone environments such as rotary screw air compressors
- Resists deposit formation, compatible with most hoses and seals
- Compatible with conventional mineral type oils*
- Strong protection against rust and corrosion, even in acidic environments
- Excellent long service life for reduced compressor maintenance
- Very good water separation, foam resistance and air release properties

Note: * After mineral oil use, drain and flush is recommended for full benefit.

Applications: PWRSALL FS HT Compressor Oil ISO 32, 46 and 68 are recommended for use in flooded rotary screw and vane compressors; **ISO 100 and 150** viscosity grades are recommended for reciprocating compressors. All grades are compatible with carbon dioxide ammonia and hydrocarbon gases (where solubility of the hydrocarbon gas being processed into the lubricant is desired /acceptable).

Typical Properties: Powers-All Full Synthetic HT Compressor Oil

ISO Viscosity Grade		32	46	68	100	150
Product Code	Test Method	PA338101	PA338102	PA338103	PA338104	PA338105
Specific Gravity	ASTM D4052	0.854	0.856	0.861	0.862	0.890
Viscosity, cSt @ 40°C	ASTM D445	31.3	44.8	66.4	93.1	145.2
Viscosity, cSt @ 100°C	ASTM D445	5.8	7.5	10.0	12.6	16.8
Viscosity Index	ASTM D2270	127	132	134	132	124
Pour Point, °F	ASTM D97	-78	-40	-44	-42	-40
Flash Point, COC, °F	ASTM D92	484	498	508	514	518
Four Ball Wear, 40kg	ASTM D4172	0.5	0.5	0.3	0.3	0.3

**Note: Values shown are typical only and do not constitute a specification. Minor variations in product are to be expected in normal manufacturing. Always confirm with the original manufacturer's recommendation for proper equipment operating requirements.*



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