

## PS SERIES PARTIAL SYNTHETIC COMPRESSOR OIL

Ultrachem PS Series is 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. Ultrachem PS Series extends 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	PS32	PS46	PS68	PS100	PS150	PS220
ISO Grade	ASTM D2422	32	46	68	100	150	220
Viscosity @ 40°C,cSt	ASTM D445	32	44.5	73	107	148	232
Viscosity @ 100°C,cSt	ASTM D445	6	7.8	8.6	11.8	15.3	20.8
Viscosity Index	ASTM D2270	146	145	87	99	105	105
Flash Point, °C/°F	ASTM D92	216/420	221/430	221/430	221/430	224/435	224/435
Pour Point, °C/°F	ASTM D97	-33/-27	-36/-33	-33/-27	-30/-22	-24/-11	-26/-15
Copper Corrosion	ASTM D130	1b	1b	1b	1b	1b	1b
Foaming Sequences I, II, III	ASTM D892	Nil	Nil	Nil	Nil	Nil	Nil
Demulsibility	ASTM D1401	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Specific Gravity	ASTM D1298	0.90	0.91	0.91	0.91	0.91	0.91

**PS SERIES**

03/10

**HEALTH & SAFETY**

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

**TECHNICAL SUPPORT**

To learn more about Ultrachem products and applications please contact us at [info@ultracheminc.com](mailto:info@ultracheminc.com)



900 Centerpoint Blvd.  
New Castle, DE 19720  
P.....302-325-9880  
F.....302-325-0335  
[info@ultracheminc.com](mailto:info@ultracheminc.com)