ULTRACHEM INC
PREMIUM SYNTHETIC LUBRICANTS

S SERIES (side tab)

S SERIES
SYNTHETIC COMPRESSOR LUBRICANTS

Applications:

The "S" Series are fully synthetic lubricants for high performance in rotary screw air compressors and vacuum pumps. The "S" 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 "S" Series are made from a severely hydro-treated, hydro-cracked hydrocarbon base fluid.

32S, 46S, and 68S 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.

100S and 150S are 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	32S	46S	68S	100S	150S
ISO Grade	ASTM D2422	32	46	68	100	150
Viscosity @ 40°C,cSt	ASTM D445	36.6	45.2	67	95.4	153
Viscosity @ 100°C,cSt	ASTM D445	6.5	7.5	9.9	12.4	17
Viscosity Index	ASTM D2270	130	130	132	124	120
Flash Point, °C/°F	ASTM D92	240/464	240/464	240/464	240/464	240/464
Pour Point, °C/°F	ASTM D97	-42/-44	-39/-38	-33/-27	-31/-23	-30/-22
Copper Corrosion	ASTM D130	1a	1b	1b	1a	1a
Foaming Sequences I, II, III	ASTM D892	Nil	Nil	Nil	Nil	Nil
Specific Gravity	ASTM D1298	0.85	0.86	0.86	0.86	0.86

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