

**beacon
lubricants** INC

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technical data sheet

Signal Tech Air H1 Oils

Product Application:

Signal Tech Air H1 Oils are a food grade premium high performance industrial grade synthetic lubricants developed for lubrication of high demand high output heavy duty rotary screw centrifugal and vane compressors. They are also suitable for use in vacuum pump applications as well as high pressure or high speed vane and prevision gear-type hydraulic pumps. Beacon Signal Tech Air H1 Oils are manufactured from the highest quality food grade base stocks and advanced additive technology providing for outstanding resistance to thermal and oxidative degradation. They are characterized by outstanding rust protection, low deposit formation, excellent demulsibility, low air entrainment, excellent oxidation resistance pour point and excellent anti-foam properties.

Features and Advantages:

- *NSF Registered H1
- *Excellent oxidation stability, controlling varnish and sludge buildup
- *Compatible with commonly used seal materials such as buna and viton
- *Meets USDA guidelines 1998 (H1) Guidelines (lubricants with incidental food contact)
- *Kosher Approved
- *Halal Certified

Package Size:

Drums, Pails

Typical Characteristics:

ISO Viscosity Grade	32	46	68	220
Viscosity ASTM D 445				
cSt @ 40°C	31.0	45.0	67.0	220
cSt @ 100°C	5.7	7.2	9.8	28.5
Viscosity Index ASTM D 2270	126	134	132	169
Copper Corrosion	1A	1A	1A	1A
Four-Ball Wear Test	.45	.45	.45	.45
Foaming ASTM D892	NIL	NIL	NIL	NIL
Flash Point, °C ASTM D92	244	260	270	232
Pour Point, °C ASTM D97	-45	-45	-45	-42

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