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technical data sheet

Beacon Signal Tech Air Oils

Product Application:

Beacon Signal Tech Air Oils are premium high performance industrial grade synthetic lubricants developed for lubrication of high demand high output heavy duty rotary screw centrifugal and vane compressors. It is also suitable for use in vacuum pump applications as well as high pressure or high speed vane and precision gear-type hydraulic pumps. Beacon Signal Tech Air Oils are manufactured from the highest quality polyalphaolefin 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. Recommended drain intervals in excess of 8,000 hours or more under normal operating conditions.

Features and Advantages:

- *Excellent oxidation stability, controlling varnish and sludge buildup
- *Extended life product
- *Excellent demulsibility, keeping chillers and coalesces running properly
- *Compatible with commonly used seal materials such as buna and viton

Package Size:

Drums, Pails

Typical Characteristics:

ISO Viscosity Grade	32	46	68	100	150	220
Viscosity ASTM D 445						
cSt @ 40°C	31.0	45.0	67.0	101	150	220
cSt @ 100°C	5.7	7.2	9.8	11.6	18.5	26.0
Viscosity Index ASTM D 2270	148	156	160	162	166	170
Copper Corrosion	1A	1A	1A	1A	1A	1A
Four-Ball Wear Test	.45	.45	.45	.45	.45	.45
Foaming ASTM D892	NIL	NIL	NIL	NIL	NIL	NIL
Flash Point, °C ASTM D93	244	260	270	270	270	270
Pour Point, °C ASTM D97	-45	-45	-45	-30	-30	-30

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