**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 prevision 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 demusibility, 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

Visit us at: www.beaconlubricants.com