

Synthetic Circulating and Bearing Compressor Oil

ISO Grades: 46, 150

Product Description

Manufactured from high purity base stocks to provide optimum operating and service life results. A highly robust blend formulated withstand high and low temperatures with excellent shear stability. Uses a unique additive system designed specifically to resist oxidation and provide optimum lubricity. It is completely demulsible – separates quickly, protects against wear in bearing applications. The high viscosity index helps maintain viscosity and film thickness at high temperatures and enables exceptional low temperature performance, including start-up. It is non-hazardous and disposable with mineral-based circulating lubricants.

Applications

Relyant[®] Synthetic Circulating and Bearing Compressor Oil is generally recommended for use in rotary sliding vane and screw air compressors, vacuum pumps. It is suitable for use in oil flooded/oil injected single or two-stage rotary vane or screw air compressors. It is also suitable for use in applications where a synthetic bearing and circulating oil or R&O oil (ISO VG 32-68) is required, and will provide benefits due to increased resistance to deposits formation, improved low temperature fluidity and lowering of equipment operating temperatures.

Typical Properties

Property	ISO 46	ISO 150
Gravity, API @ 60°F	35.75	35.6
Viscosity @ 40°C (cSt)	48.27	152.5
Viscosity @ 100°C (cSt)	9.1	21.97
Viscosity Index	173	171
Flash Point (COC) °F	420	437
Pour Point °F	-47	-32

*The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.