

SBK Screw Air Compressor Oil is a premium quality, high-performance lubricant specially formulated for rotary screw air compressors operating under high temperature and heavy-duty industrial conditions. It is blended with highly refined base oils and advanced ashless additive technology to provide excellent oxidation stability, superior anti-wear protection, rust prevention, and long service life. The oil ensures reliable compressor operation by minimizing sludge, varnish, and carbon formation while maintaining high efficiency and stable lubrication film strength under severe load conditions. ISO VG grade is typically recommended for high-temperature screw compressors and continuous-duty industrial applications.

PERFORMANCE, FEATURES & BENEFITS

- Excellent oxidation and thermal stability for extended oil life
- Superior anti-wear protection for rotors, bearings, and gears
- Strong resistance to sludge, varnish, and carbon deposits
- Excellent rust and corrosion protection
- Low foaming with rapid air release properties
- Superior water separation (demulsibility) characteristics
- Maintains stable oil film at high operating temperatures
- Reduces maintenance downtime and operating costs
- Supports long service intervals under industrial use

MAIN APPLICATIONS

SBK Screw Air Compressor Oil is suitable for oil-flooded rotary screw air compressors, heavy-duty industrial screw compressors, high-temperature continuous operation systems, stationary and portable compressor units, and air systems requiring higher viscosity oil for improved sealing and thermal stability. It is widely used in environments where compressors operate at elevated discharge temperatures and under sustained load conditions.

SPECIFICATIONS & RECOMMENDATIONS

- DIN 51506 VDL
- ISO 6743-3 DAG
- Suitable for continuous duty industrial air compression systems

PRODUCT SPECIFICATIONS

TEST PARAMETER	TEST METHOD	TYPICAL VALUE		
Grade	-	32	46	68
Appearance	Visual	Clear and bright	Clear and bright	Clear and bright
KV @ 40°C	ASTM D445	32	46	68
KV @ 100°C	ASTM D445	6.1	7.8	9.2
Viscosity Index	ASTM D2270	141	139	112
Density @ 15°C	ASTM D4052	0.8359	0.8438	0.8565
Flash Point	ASTM D92	≥ 195	≥ 220	≥ 220
Pour Point	ASTM D97	-24	-30	-24

* Note: Typical value; may vary slightly. Please contact your SBK representative for the current batch COA (Certificate Of Analysis)