



Product Information:
AIRFORCE 8000 COMPRESSOR OILS
ISO VG 32, 46, 68

Description

Airforce 8000 is a range of ester based, fully synthetic, compressor lubricants designed to meet the requirements of a variety of compressor types, including reciprocating, rotary vane and rotary screw designs. They incorporate the latest additive technology and have proved to be far superior in performance to conventional oils under all conditions.

These products are designed for use under arduous conditions and in high temperature applications. High film strength helps prevent metal to metal contact where severe loads are encountered. Airforce 8000 grades give superior results with respect to low oil carry-over and wear, combined with exceptional resistance to thickening, lacquer formation and separator blockage at elevated temperatures.

Features:

- Outstanding thermal stability for long oil life
- Good air release properties
- High viscosity index gives good fluid flow at low temperatures and high film strength and wear resistance at high temperatures.
- Low volatility reduces the need for top-up

Applications:

Suitable for use in all reciprocating, rotary vane and rotary screw compressors including multi-stage designs, variable speed types, static and mobile units, where any of the specifications listed below are required by the manufacturer of the equipment.

Performance Levels

DIN 51506 VDL
 ISO 6743/3 - DAG, DAH and DAJ for rotary air compressors

Physical Characteristics

ISO Viscosity Grade	32	46	68
Density @ 15°C	0.835	0.888	0.895
Kinematic Viscosity @ 40°C (cSt)	33.8	41.8	68.5
Kinematic Viscosity @ 100°C (cSt)	6.2	6.7	9.3
Viscosity Index	120	120	110
Closed Flash Point (°C)	210	220	230
Conradson Carbon Residue	0.2	0.2	0.2
Pour Point (°C)	-40	-40	-40
Water Separability (mins)	10	10	20
Foaming Characteristics (All Seq)	0	0	0
F.Z.G.	Pass load stage 11		

Figures based on average production values

(TDS Airforce 8000 grades- 130623 Issue 5)

