

# AIR FORCE 8000 FS ISO VG 32, 46 & 68 ROTARY SCREW COMPRESSOR FLUIDS

## Description

AIR FORCE 8000 FS is a range of ester based, fully synthetic, compressor lubricants designed specifically to meet the requirements of rotary screw compressors including modern, variable speed types. They incorporate the latest additive technology and have proved to be far superior in performance to conventional oils under all conditions.

It is designed for use under arduous conditions and in high temperature applications. Its naturally high film strength helps prevent metal to metal contact under severe load conditions.

- 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 rotary screw compressors including variable speed types, static and mobile units.

AIR FORCE 8000 FS gives 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.

## Performance Levels

Foaming test – Nil Foam (all sequences)  
DIN 51506 & DIN 51352 part 2

## Physical Characteristics

ISO Viscosity Grade	32	46	68
Density at 15°C	0.866	0.898	0.910
Kinematic Viscosity at 100°C, cSt.	5.5	6.9	9.3
Kinematic Viscosity at 40°C, cSt.	31	45	65
Viscosity Index	120	120	120
Flash Point (Closed) °C	200	>210	>210
Conradson Carbon Residue	0.2	0.2	0.2
Pour Point, °C	<-40	<-40	<-40
F.Z.G.	← Pass load stage 11 →		

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