Product Information:

AIRFORCE 4000 COMPRESSOR OILS ISO VG 32, 46, 68, 100

Description

Specially formulated range of ashless compressor oils for the lubrication of both reciprocating and rotary air compressors. This highly stable advanced formula is designed for use in continuous and stop / start industrial compressors, train brake compressors and vehicle mounted or portable road breaking compressors. Airforce 4000 Compressor Oils oils are not intended or recommended for use in air compressors for breathing apparatus.

Features:

- Exceptional anti-wear performance for long compressor life.
- Minimal oil carryover for improved separator life.
- Reduced deposits in discharge lines.
- Enhanced water separating properties.
- Excellent compatibility with most downstream equipment.

Applications:

- Reciprocating compressors - Airforce 4000 ISO VG 68/100
  Industrial reciprocating air compressors operating with air discharge temperatures of < 220°C.
- Rotary screw compressors - Airforce 4000 ISO 32/46/68 Oil flooded or oil injected, single or two stage compressors with air discharge temperatures of <100°C.

Airforce 4000 fluids will retain their performance characteristics throughout a 4000 hour design life, providing bulk oil temperatures do not exceed 90°C and a maximum ambient temperature does not exceed 35°C. If either of these temperatures is exceeded, more frequent oil changes will be required.

Performance Levels

DIN 51506 VDL
ISO 6743-3: DAA and DAB for reciprocating (68/100)
DAG for rotary screw (32/46/68)

Airforce 4000 series compressor oils have proven history in many manufacturers equipment. The following is a summary: Atlas Copco, Compare Broomwade, HPC Kaiser, Hollman, Gardner Denver and Boge.

Physical Characteristics:

ISO Viscosity Grade	32	46	68	100
Density @ 15°C	0.860	0.865	0.868	0.870
Kinematic Viscosity @ 40°C (cSt)	33.1	45.9	65.7	96.7
Kinematic Viscosity @ 100°C (cSt)	5.7	6.9	8.9	11.6
Viscosity Index	110	110	110	110
Closed Flash Point (°C)	208	210	220	230
Sulphated Ash (%Wt.)	<0.01	<0.01	<0.01	<0.01
Pour Point (°C)	-30	-33	-30	
Water Separability (mins)	15	15	20	20
Foaming Characteristics (All Seq)	0	0	0	0
F.Z.G.	Pass load stage 11			

Figures based on average production values

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