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Product Information: Airtech RX Range

Description

Airtech RX compressor fluids are a range of high quality fully synthetic ester based fluids, which are recognised to offer superior performance over mineral based lubricants in reciprocating air compressors. These fluids harness the latest additive technology to provide the highest possible performance in all operating conditions, with extremely low volatility and foaming tendency. The higher auto-ignition temperature of these fluids inhibits deposits from forming, allowing for safe, reliable operation and maximum safety in air lines. Airtech RX fluids also offer outstanding wear and rust protection, as well as exceptional oxidative and thermal stability even at high working temperatures and pressures; they also exhibit excellent water separation characteristics, therefore preventing accelerated corrosion and facilitating separation from condensate.

Applications

Airtech RX fluids are suitable for use in all industrial reciprocating air compressors, in particular those operating up to and above air discharge temperatures of 220°C with continuous high delivery pressures. They may also be used in breathing air compressors, provided subsidiary clean-up apparatus is used and air filters which are capable of maintaining mist levels below recommended exposure limits are fitted, to ensure that the air produced is fit for breathing.

Performance Features

Safe, reliable and effective lubrication
Capable of extended service intervals
Maximum safety for air lines
Excellent protection against wear and rust
Outstanding oxidative and thermal stability
Excellent water separation characteristics
Inhibition of deposit formation
Very low foaming tendency
Very low volatility

Performance Levels

DIN 51506 VDL ISO/DP-6521-L-DAB - Medium Duty
ISO 6743-3:2003 DAB – Severe Duty
EN 12021

Seal Compatibility

Airtech RX in common with other ester-based lubricants is not compatible with all seal materials, some older compressors may need to have the seals changed before they can run on the new grades.

Acceptable – High Nitrile Content (SE85) >36% acrylonitrile
Majority Acceptable – Medium Nitrile Content (SE 70) 30-36% acrylonitrile
Not Recommended – Low Nitrile Content <30% acrylonitrile

Change over procedures

To achieve full performance of these products, refer to change over procedure sheet.

Typical Data

Characteristic	Unit	RX 68	RX 100	RX 150
Density @ 15.6°C	g/ml	0.986	0.984	0.888
Kinematic Viscosity @ 40°C	cSt	68	100	150
Kinematic Viscosity @ 100°C	cSt	8.1	10.2	13.8
Pour Point		-48	-36	-36
Flashpoint (Closed)	°C	250	260	260

Figures based on average production values

Made in the United Kingdom Since 1925

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