

RALCO | AIRCO

The AIRCO is a high performance, multifunctional lubricants designed for use in many industrial applications. These are considered environmentally friendly since they are zinc free. These premium petroleum oils specifications are critical. They are very useful where frequent change outs are necessary due to poor environments prone to contamination from dust, acids, solvents, gases, or other contaminants. The AIRCO has a service life of 2,000 — 4,000 hours under good operating conditions in rotary screw compressors and up to 2,000 hours in reciprocating compressors. The additive chemistry found in this series provides high performance ashless hydraulic fluids and compressor oils with antiwear properties.

APPLICATION DETAIL

- Rotary Screw Compressors
- Rotary vane compressors
- Reciprocating compressors
- Vacuum Pumps
- Centrifugal Compressors

QUICK POINT
Name: AIRCO
ISO Grade: 32-100
Base: Mineral Oil
Color: Pale Yellow
Food Grade: No
Main Application: Screw Compressor

KEY BENEFITS

- Very high oxidation stability (extended service life)
- Very high load capacity
- Good demulsification
- Good corrosion protection against steel and non-ferrous metals
- Good filterability
- Excellent thermal and hydrolytic stability

TECHNICAL PROPERTIES

ISO Grade	ASTM METHOD	32	46	68	100
Viscosity, 40°C	D445	32.0	45.0	69.0	95.0
Viscosity, 100°C	D445	5.50	6.91	9.30	11.50
Viscosity Index	D2270	108	110	112	109
Specific Gravity, 20°C	D4052	0.86	0.86	0.87	0.88
Pour Point, °C	D97	-43	-37	-34	-29
Flash Point, °C	D92	204	216	216	226
Copper Strip Corrosion	D130	1b	1b	1b	1b
Rust Characteristics – Sea Water	D665B	Pass	Pass	Pass	Pass

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