All-Syn Max Air

Air Compressor Fluid

No. 321

ISO: 32, 46, 68

DESCRIPTION:

All-Syn Max Air is a high performance lubricant formulated specifically to outperform other synthetic rotary compressor lubricants on the market. **All-Syn Max Air** employs a unique base stock that allows improvements in oxidation resistance, sludge and deposit formation over conventional synthetic base stocks. It is compatible with most existing O.E.M. provided lubricants. **All-Syn Max Air** is a premium quality ashless, highly oxidation stable, anti-wear lubricant, blended from high viscosity index base stocks and specially selected additives. This lubricant can be used in a wide variety of compressor applications including piston, rotary and screw type compressors. Special friction reducing and anti-oxidation additives make this an extremely long life lubricant.

PERFORMANCE CHARACTERISTICS:

- **Oxidation resistant (15,000 hours in the ASTM-D943 Oxidation Test)**
  Oxidation inhibitors and premium quality base stocks combine to form a product with outstanding resistance to oxidation, sludge and varnish, designed for extended drain intervals
- **Provides excellent anti-wear protection**
  Special ashless anti-wear additives protect against wear at high pressure and under heavy loads
- **Friction reduction**
  Exclusive friction reducing additives provide reduced operating temperature and reduced horsepower requirements in comparison to conventional compressor oils
- **High flash point**
  For reduction of carbon build-up
- **Superior rust protection**
  Inhibitors protect metal parts from moisture during operation and shut down
- **High viscosity index**
  Allows efficient operation and reduces horsepower requirements at both low and high temperatures
- **Superior filterability**
  Designed to separate rapidly from water for prolonged filter life

TYPICAL APPLICATIONS:

Reciprocating Compressors	Screw Compressors	Lobe Compressors
Rotary Compressors	Vane Compressors	

SUMMARY:

Air compressors are constantly subjected to adverse conditions such as moisture, heat, high speeds, long operating intervals and high pressures. Each of these factors affects the ability of the compressor fluid to provide the protection needed. Carbon, gum and varnish buildup lead to accelerated wear in bearings, rings, vanes, gears, rotors and cylinders. Oil deterioration results in excessive wear causing expensive downtime and rebuilds. **All-Syn Max Air is formulated to greatly reduce these problems and provide maximum compressor efficiency and life.**

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TYPICAL SPECIFICATIONS:

ISO Grade	32	46	68
Viscosity			
@ 40°C, cSt	32.2	50	63.2
@ 100°C, cSt	5.61	7.35	9.28
@ 100°F, SUS	166	257	325
@ 210°F, SUS	45.1	50.9	57.5
Viscosity Index	113	124	126
Specific Gravity	0.899	0.921	0.920
TAN	0.34	0.28	0.28
Flash Point,			
°F	495	500	490
°C	257	260	254
Pour Point,			
°F	-71	-49	-49
°C	-57	-45	-45
RPVOT, Minutes	2940	3600	3600
Rust	Pass	Pass	Pass
Emulsion Tendency	40/40/0	40/40/0	40/40/0
Minutes	10	20	20

Values shown here are typical, and may vary.