

MEDALLION™ SYNTHETIC AIR COMPRESSOR OILS

NSF Registered for H-1

Medallion™ Synthetic Air Compressor Oils are formulated using the finest PAO (polyalphaolefin) base stocks available. Medallion™ Synthetic Air Compressor Oils impart excellent resistance to oxidation demanded by the sophisticated air systems manufactured today. Medallion™ Synthetic Air Compressor Oils provide outstanding high temperature stability, longer drain intervals, and clean operation of equipment.

Also suitable for use in a wide variety of applications where a H-1 rated product is required. This includes wire ropes, slideways, and chains. Capable of sustaining a maximum continuous operating temperature of approximately 400°F (200°C).

BENEFITS:

- H-1 REGISTERED - for use in federally inspected meat and poultry plants, as well as beverage and other food processing facilities where incidental food contact may occur.
- REDUCED MAINTENANCE COSTS - eliminates harmful varnish and sludge deposits, reducing downtime.
- REDUCED CONSUMPTION - low volatility, superior oxidation resistance and shear resistance results in reduced vapor loss.
- ENERGY SAVINGS - lower coefficient of friction and higher thermal stability reduce friction and result in reduced power consumption.
- OPERATING SAFETY - flash point and auto-ignition temperature are much higher than conventional petroleum products. This lowers the risk of fire and explosions sometimes caused by high carbon deposits and excess lubricant carry-over.

APPLICATIONS:

Medallion™ Synthetic Air Compressor Oils are acceptable for use in rotary screw, centrifugal and reciprocating compressors.

Suitable for use on conveyor chains and other open lubrication points operating at high temperatures.

ASTM #		TYPICAL CHARACTERISTICS				
	ISO Grade	32	46	68	100	150
	NSF Registration	H-1	H-1	H-1	H-1	H-1
D-445	Kinematic Viscosity					
	cSt @ 40°C	32	44	62	81	149
	cSt @ 100°C	6	8	10	12	19
D-2161	Saybolt Viscosity					
	SUS @ 100°F	159	223	315	410	764
	SUS @ 210°F	47	52	60	69	97
D-2270	Viscosity Index	153	149	146	149	145
D-97	Pour Point, °F (°C)	-65 (-54)	-55 (-48)	-55 (-48)	-50 (-46)	-40 (-40)
Gardner Method	Density, lb/gal @ 60°F (15.5°C)	6.88	6.91	6.94	7.00	7.04
	Specific Gravity, g/cc @ 60°F (15.5°C)	0.826	0.830	0.833	0.840	0.845
D-92	Flash Point, °F (°C) Cleveland Open Cup	450 (232)	475 (246)	475 (246)	495 (257)	515 (268)
D-4172	Four Ball Wear, Scar Width, mm @ 40 kgf	0.64	0.64	0.64	0.54	0.54
D-665	Rust Test, Distilled Water	Pass	Pass	Pass	Pass	Pass
D-130	Copper Strip Corrosion 212°F (100°C) @ 3 hr	1A	1A	1A	1A	1A
D-2155	Auto-Ignition Temperature, °F (°C)	730 (387)	745 (396)	745 (396)	760 (404)	770 (410)

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

PACKAGING

Drums

Pails

For warranty information, scan the QR code.

You can also email us at sales@whitmores.com

Or write to the Sales Department at the address below.

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