

MOL-COM AIR ES

Series

Product Description:

MOL-COM AIR ES series compressor lubricants have been specifically designed for use in reciprocating air compressors. They are formulated with special diester synthetic base stocks and carefully selected additives. Due to the inherently high viscosity index of these lubricants, they remain stable to shear forces and do not suffer any irreversible effects. They perform superior in applications where the performance of mineral based air compressor oils are not enough.

Features:

- High oxidative stability thanks to special ester base.
- Exceptional load carrying capacity.
- Resistant to sludge and varnish formulation.
- High natural viscosity index.
- Excellent elastomeric seal compatibility.
- Hydrolytically stable.

Applications:

MOL-COM AIR ES is primarily intended for rotary screw and vane compressors. It is particularly effective for continuous high temperature operation with discharge temperatures up to 200° C. These oils are recommended for units with a history of excess oil degradation, poor valve performance or deposit formation. They are compatible with all metals used in compressor construction and with conventional mineral oil-based air compressor oils but admixture with other oils may detract from the total performance capability.

Storage and Packing Conditions:

- Should be stored sealed under normal storage conditions. Shelf life in original package and at room temperature is 2 years.
- Available in 20 LT Pails, 208 LT Drums and 1000 LT IBCs.

Human Health and Work Safety:

- Normal safety precautions (gloves and safety goggles) Should be employed
- Avoid eye and prolonged skin contact.
- Wash thoroughly after handling material.
- Don't discharge used oil in drains, dispose to an authorized used oil collection point
- For more information, please see the Material Safety Data Sheet (MSDS).

Physical and Chemical Conditions:

MOL-COM AIR ES	Method	Unit	68	100	150
Appearance	Visual	-	B&C	B&C	B&C
Density @ 15° C	ASTM D 4052	g/cm ³	0.95	0.96	0.98
Kinematic Viscosity @ 40° C	ASTM D 445	cSt	68	100	150
Viscosity Index	ASTM D 2270	-	>140	>150	>150
Flash Point, (COC)	ASTM D 92	°C	>220	>230	>260
Pour Point	ASTM D 97	°C	-43	-40	-38
Corrosion Test	ASTM D 665	-	Passes	Passes	Passes
Copper Corrosion @ 3 hours, 100 ° C	ASTM D 130	°C	1b	1b	1b
Foam Tendency	ASTM D 892	-	Nil	Nil	Nil

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