

MOL-COM AIR M Series

Product Description:

MOL COM AIR M series are premium quality lubricants developed for the lubrication of rotary sliding vane and screw air compressors. It is based on a blend of selected hydrocracked base oils and carefully chosen additives.

Features:

- Resists formation of carbon deposits in sliding vane slots, helping them to move freely. Also resists deposit formation on rotating components of screw compressors. This helps maintain high levels of compressor.
- The careful selection of base oils and additives provides rapid air release without excessive foaming to help give trouble free operation even under cycling conditions.
- Effectively protects all metal surfaces from corrosion. Protects all sensitive machinery parts, such as gears, screws, bearings, from wear and prolongs the service intervals.
- Separates readily from water allowing excess water to be drained from the oil circulation system, thus preventing accelerated corrosion and a reduction in lubrication efficiency.

Applications:

- *Rotary sliding vane air compressors and screw air compressors*; Oil flooded or oil injected, single or two-stage compressors, operating at pressures of up to 10 bar and with air discharge temperatures of up to 100°C.
- *Screw air compressors*; Oil flooded or oil injected, single or two-stage compressors, operating at pressures of up to 20 bar and with air discharge temperatures of up to 100°C.

Storage and Packing Conditions:

- Should be stored sealed under normal storage conditions. Shelf life in original package and at room temperature is 3 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 M	Method	Unit	32	46	68	100	150	220
Appearance	Visual	-	B&C	B&C	B&C	B&C	B&C	B&C
Density @ 15° C	ASTM D 4052	g/cm ³	0.832	0.837	0.852	0.875	0.895	0.895
Kinematic Viscosity @ 40° C	ASTM D 445	cSt	32	46	68	100	150	220
Kinematic Viscosity @ 100° C	ASTM D 445	cSt	5.4	6.9	8.9	11.4	15	19.2
Viscosity index	ASTM D 2270	-	98	98	98	98	95	95
Flash Point, (COC)	ASTM D 92	°C	235	237	250	263	268	272
Pour Point	ASTM D 97	°C	-33	-30	-30	-21	-18	-15
Corrosion Test	ASTM D 665	-	Passes	Passes	Passes	Passes	Passes	Passes
Copper Corrosion @ 3 hours, 100° C	ASTM D 130	°C	1a	1a	1a	1a	1a	1a
Neutralization Value	ASTM D 974	MgKO H/g	0.3	0.3	0.3	0.3	0.3	0.3
FZG Test, LS Fail	CEC-L-07-A-95	11	11	11	11	11	11	11

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