

MOL-FREEZ E Series

Product Description:

MOL FREEZ E series lubricant range is based on synthetic polyol esters (POE) formulated for performance in refrigeration and air conditioning compressors using HFC, CFC or HCFC refrigerants.

Features:

MOL FREEZ E series synthetic lubricants are chemically and thermally stable for cleaner operating performance, and provide wear protection for contact surfaces for longer system life and system efficiency. They are miscible over the required broad temperature ranges of commercial/industrial systems.

Physical and Chemical Conditions:

MOL-FREEZ E	Method	22	32	46	55	68	100
Appearance	Visual	C&B	C&B	C&B	C&B	C&B	C&B
Kinematic Viscosity @ 40° C cSt	ASTM D 445	22	32	46	55	68	95
Kinematic Viscosity @ 100° C cSt	ASTM D 445	4.2	5.85	7.25	8.2	9.1	11
Neutralization Value MgKOH/g	ASTM D 974	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Density @ 15° C g/cm ³	ASTM D 1298	0.995	0.985	0.980	0.970	0.964	0.961
Flash Point, (COC) °C	ASTM D 92	240	250	251	253	260	265
Pour Point °C	ASTM D 97	-50	-45	-42	-40	-39	-27
MOL-FREEZ E	Method	120	170	220	320	370	
Appearance	Visual	C&B	C&B	C&B	C&B	C&B	
Kinematic Viscosity @ 40° C cSt	ASTM D 445	120	165	220	320	370	
Kinematic Viscosity @ 100° C cSt	ASTM D 445	13.6	17	19	27	31	
Neutralization Value MgKOH/g	ASTM D 974	<0.01	<0.01	<0.01	<0.01	<0.01	
Density @ 15° C g/cm ³	ASTM D 1298	0.965	0.968	0.968	0.970	0.972	
Flash Point, (COC) °C	ASTM D 92	275	290	288	289	290	
Pour Point °C	ASTM D 97	-27	-26	-26	-25	-24	

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 1,4, 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).