

DOC NO	REV	ISSUED	CLASS
TDS-POE-68	01	09/2026	Refrigeration Oil · POE

TECHNICAL DATA SHEET

JEMAX-POE 68

Advanced POE Refrigeration Compressor Fluid

VISCOSITY @ 40 °C	VISCOSITY @ 100 °C	POUR POINT	FREON FLOC POINT
65 mm ² /s	6.7 mm ² /s	<-39 °C	-60 °C

DESCRIPTION

Jemax POE is a high performance lubricants that combine specially blended Polyol Ester (POE) refrigeration lubricants with advanced additives to provide superior protection for HFC refrigeration systems. Jemax POE offers exceptional solubility and superior lubricity in HFC and Blended Refrigerants. Jemax POE lubricants have exceptional chemical and thermal stability, and offer a very long service life. They are safe to handle in all refrigerant applications

PERFORMANCE LEVEL

- Meets DIN 51503 PART I

SUITABLE FOR

R23, R134a, R404a, R407c, R410a, R410b, R417a, R422a, R422d, R427a, R507/507a

BENEFITS

- Unsurpassed solubility in HFC and blended refrigerants
- Excellent low temperature fluidity
- High viscosity index
- Excellent film strength and anti-wear properties
- Top-off compatibility with most other POE refrigeration compressor fluids
- Excellent resistance against water contamination
- Excellent rust and corrosion protection
- Very long fluid life
- Allows quick and easy refrigerant conversions
- Avoids copper plating

TYPICAL PERFORMANCE DATA

TEST	RESULT
Appearance	Clear
Acid No., mg KOH/g	0.1
Kinematic viscosity at 100 °C, mm ² /s	6.7
Kinematic viscosity at 40 °C, mm ² /s	65
Viscosity index, max	24
Pour Point, °C	<-39
Freon Flocc Point, °C	-60
Flash point in open crucible, °C	>220

Typical values shown do not constitute a specification. The information is based on current knowledge and is intended to describe the product for possible applications; it does not release the user from performing preliminary tests.