

## TECHNICAL DATA SHEET

# JEMAX-POE 68

Advanced POE Refrigeration Compressor Fluid

|                              |                               |                   |                  |
|------------------------------|-------------------------------|-------------------|------------------|
| VISCOSITY @ 40 °C            | VISCOSITY @ 100 °C            | POUR POINT        | FREON FLOC POINT |
| <b>65</b> mm <sup>2</sup> /s | <b>6.7</b> mm <sup>2</sup> /s | <b>&lt;-39</b> °C | <b>-60</b> °C    |

## DESCRIPTION

Jemax POE is a high performance lubricant that combines 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 51503-1

## SUITABLE FOR

R23, R134a, R404A, R407C, R410A, R410B, R417A, R422A, R422D, R427A, R507/R507A

## BENEFITS

- Unsurpassed solubility in HFC and blended refrigerants
- Excellent low temperature fluidity
- 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 <sup>2</sup> /s | 6.7    |
| Kinematic viscosity at 40 °C, mm <sup>2</sup> /s  | 65     |
| Viscosity index                                   | 24     |
| Pour Point, °C                                    | <-39   |
| Freon Flocc Point, °C                             | -60    |
| Flash point, open cup, °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.