

# COOL-PLUS POE ISO VG-220

ADVANCED HFC REFRIGERATION COMPRESSOR FLUID

322201001

**DYADE**  
LUBRICANTS



## QUALITY RATING



This POE product is compatible with the following gases:

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

## POLYESTER (POE) BASED REFRIGERATION OIL

This is a high performance lubricant that combines specially blended polyolester (POE) refrigeration lubricants with ashless additives to provide superior protection for HFC refrigeration systems. It offers exceptional solubility and superior lubricity in HFC and blended refrigerants. Most competitive POE compressor fluids are highly susceptible to water contamination. The hygroscopic nature (high affinity for water) of most POE compressor fluids will lead to decreased bearing life and premature fluid change. Converting a HCFC (i.e. R-22) system to HFC (i.e. R-507, R-134a) often requires that you flush any mineral oil fluid from the system.

This product makes system conversions easier by being able to accommodate much higher levels of residual mineral oil.

## Product information

People buy this product because they need an ester based ashless compressor oil

### CATEGORY

Compressor oil

### FINAL BASE OIL

Polyol Ester

### AVAILABLE GRADE

- ISO VG-22
- ISO VG-32
- ISO VG-46
- ISO VG-55
- ISO VG-68
- ISO VG-80
- ISO VG-100
- ISO VG-125
- ISO VG-150
- ISO VG-170
- ISO VG-220
- ISO VG-320

### 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
- Allows quick and easy refrigerant conversions
- Avoids copper plating
- Enhanced resistance against water contamination

### AVAILABLE PACKAGING

- 5L
- 20L
- 60L
- 205L
- 1000L

## PRODUCT SPECIFICATIONS COOL-PLUS ISO VG-220

TEST	METHOD	UNIT	VALUE
Appearance			Bright & Clear
Base Oil Type			Polyol Ester
Density @ 20 °C		g/dm <sup>3</sup>	1,020
Viscosity Index			120
Pour point		°C	< -30
Flash point		°C	> 260
Viscosity @ 100 °C		cSt	23
Viscosity @ 40 °C		cSt	230
Acid number		mg/KOH/g	0,09
Water Content		ppm	< 50
Copper Corrosion			1a

All data on this technical data sheet is indicative only

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