

CAMCO®

RPC SERIES

MISCIBLE CO2 REFRIGERATION OIL



CAMCO® RPC Series is custom blended from only the highest quality Polyolester (POE) synthetic base oils, suitable for refrigeration applications such as Carbon Dioxide and hydrocarbon refrigerants. The benefits include: excellent lubricity, improved low temperature characteristics and higher efficiency. The RPC series has very low volatility and can improve oil separation in equipment designed with coalescing elements and improve seal lubrication.

Typical Applications

- Reciprocating
- Scroll
- Screw

CAMCO® RPC Series is formulated with a superior anti-wear package.

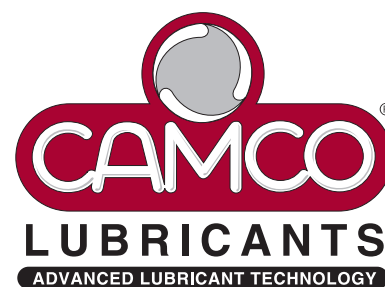
The special type of polyolesters used in these products has been found to offer less dilution and higher viscosity for better lubricity at higher compressor operating pressures and temperatures. The result is improved lubrication and compression sealing efficiency and better oil return when compared to other types of POE based products. The RPC Series has been shown to outperform most other OEM oils for CO2 refrigeration. Not all POE oils are created the same, or perform the same.

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TYPICAL PROPERTIES*

	RPC-46	RPC-55	RPC-68	RPC-85	RPC-130	RPC-170
Viscosity @ 40°C cSt, ASTM D445	46	55	66	80	136	178
Viscosity @ 100°C cSt, ASTM D445	8.1	9.1	10.6	12.2	17	18.5
Viscosity Index, ASTM D2270	150	145	151	148	143	116
Density, G/CC (Pounds/Gallon) @ 68°F (20°C)	0.972 (8.11)	0.976 (8.14)	0.983 (8.19)	0.985 (8.215)	0.98 (8.17)	0.975 (8.13)
Pour Point, °F (°C), ASTM D97	-56 (-49)	-54 (-48)	-54 (-48)	-40 (-40)	-33 (-36)	-33 (-36)
Flash Point, °F (°C), ASTM D92	482 (>250)	500 (>260)	500 (>260)	536 (>280)	536 (>280)	536 (>280)
Total Acid Number, mg KOH/g, ASTM D-664	<0.06	<0.06	<0.1	<0.1	<0.1	<0.1
Evaporation Loss, 6.5 hours at 400°F (204°C), In Percent (%)	3	3	3	3	3	3
Water Content, PPM, ASTM-1744	<50	<50	<50	<50	<50	<50

*These values are not intended for use in preparing specifications.