

## ELBA ERTC SERIES

Elba ERTC Series lubricants are designed exclusively for semi-hermetic (piston) Compressors requiring a POE-type lubricant for improved miscibility with the refrigerant and improved oil return to the compressor. Semi-hermetic compressors are used in many supermarket applications and commercial (mobile) refrigerated trailer/truck applications. Elba ERTC Series is available in five viscosity grades for HCFC & HFC refrigerant gases like MO99, R22, R134a, R401a, R401b, R402a, R402b, R404a, R407a, R407c, R408a, R409a, R410a, R422a/d, R502, & R507c. Summit RTC Series Employs a unique base fluid that provides optimum refrigerant solubility/miscibility. Other benefits of Elba ERTC Series vs traditional POEs for refrigeration include:

- 50% less hygroscopic
- Less compressor component wear
- Less issues with copper plating
- Greater cooling efficiency
- Reduced oil carryover

Mixing ELBA ERTC Series with other POE-based formulations should be avoided. There is no need to flush when converting to ELBA ERTC SERIES from other POE-based formulations.

Physical Properties					
PRODUCTS	ERTC-32	ERTC-46	ERTC-68	ERTC-100	ERTC-120
ISO Grade	32	46	68	100	120
Viscosity					
@ 40°C, cSt	32.2	51.6	63.2	96.06	122.11
@ 100°C, cSt	5.61	8.01	9.28	12.83	15.18
Viscosity Index	113	124	126	130	129
Specific Gravity, 60°F	0.899	0.921	0.920	0.926	0.927
Flash Point, °F (°C)	495(257)	500(260)	490(254)	510(266)	515(268)
Pour Point, °F (°C)	-71(-57)	-49(-45)	-49(-45)	-51(-46)	-47(-44)
Rust	Pass	Pass	Pass	Pass	Pass
Emulsion Tendency	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0
	(10 mins.)	(20 mins.)	(20 mins.)	(20 mins.)	(20 mins.)
TAN	0.34	0.28	0.28	0.28	0.28

**Shelf Life:** Product shelf life is 5 years from the date of manufacture, after which the product should be recertified prior to use.

