

## **RS-45**

RS-45 with its high cooling capacity compliments RS-44, and is compatible with all types of lubricants. RS-45 replaces R22 at higher temperatures and is particularly effective at lower temperature applications where an expansion device is present. With its low glide (1.5°C), RS-45 provides significant benefits, e.g. in the case of flooded systems.

### **Features and Benefits**

RS-45 is compatible both with the traditional mineral and alkylbenzene oils, and also the new polyester lubricants. Consequently, R22 can be replaced by RS-45 by both Original Equipment Manufacturers and in retrofit situations offering considerable costs savings, where the cost of converting to alternatives such as R407C is either prohibitively expensive or technically unsatisfactory (or both).

- Suitable in OEM & retrofit applications.
- Effective in low & high temperature applications.
- Near azeotropic blend.
- Lower discharge temperature than R22.
- Non flammable & low toxicity.
- Close match for R22 in cooling capacity.
- Compatible with MO, AB & POE lubricants.
- Low temperature glide.
- Zero Ozone Depletion Potential.
- Application in systems with expansion device

### **Applications and Uses**

RS-45 is suitable for use as a Drop-in replacement for R22 in systems which contain an expansion device. RS-45 can also be used by Original Equipment Manufacturers with the potential for significant cost savings.

Applications for RS-45 include but are not restricted to air conditioning, refrigerated transport, supermarkets, dairy chillers, cold stores, beer cellars, water chillers and others