

### **Refrigerant Compressor Lubricants**

#### DESCRIPTION

The Castrol Icematic 229 series of synthetic refrigeration oils are formulated from selected polyalphaolefin base fluids.

#### APPLICATION

They are specifically designed for refrigeration systems using screw type compressors in conjunction with very low evaporation temperatures. They may also be specified for certain systems using reciprocating compressors with high compression ratios and high discharge temperatures.

#### FEATURES

- ◆ The Castrol Icematic 229 series are designed to have low miscibility and solubility with R22. This characteristic gives significant advantages in screw type compressors where refrigerant absorption can reduce lubricant viscosity to unacceptably low levels and adversely affect volumetric efficiency.
- ◆ The very low Pour Points of the Icematic 229 series allows the use of these lubricants in refrigeration systems with extremely low evaporator temperatures.
- ◆ The Icematic 229 series have very low miscibility with R22, consequently they are not recommended for use in refrigeration systems with flooded evaporators unless efficient oil separators or some other method of oil recovery is provided.

