

# ENOC CRYOGEN AB

## PRODUCT DESCRIPTION

**ENOC Cryogen AB** refrigeration oils are manufactured from high quality alkybenzene synthetic oils for use with HCFC refrigerants. They have very low pour points and good miscibility with Freon R 22, R408A, R409A and R401A to provide low Freon floc points. **Cryogen AB** oils have exceptionally good miscibility with these refrigerants and additionally can contribute towards prolonged compressor and seal life through the high thermal stability which controls the formation of carbon and gummy deposits at elevated temperatures.

## APPLICATIONS

- ◆ Business/domestic and office air conditioning systems
- ◆ Reciprocating and rotary refrigeration compressors
- ◆ Refrigeration systems using freon R22
- ◆ Cylinder lubrication in Industrial air compressors with discharge temperature >200°C

***Not recommended for systems containing HFC refrigerants ie. R 134a***

## RECOMMENDATIONS

APV, Bitzer, Bock, Sabroe, York, Bauer, Cirrus

***Not recommended for use in compressors for air breathing equipment.***

## BENEFITS

**Cryogen AB provides:**

- ◆ Reduced downtime by maintaining clean working surfaces
- ◆ Prevention of waxy and gummy deposits through high oil thermal stability
- ◆ Very good miscibility with R22 refrigerants for good lubrication
- ◆ Extended oil service life, excellent resistance to oxidation
- ◆ Low pour and floc points and miscibility with refrigerants

**Caution:** Flush the system well if moving from mineral oil to synthetic alkybenzene oil

Technical Data*			
ISO Grade	55	100	150
Viscosity			
mm <sup>2</sup> /s @ 40°C	50	94	140
mm <sup>2</sup> /s @ 100°C	5.9	7.9	10.3
Flash Point, PMCC, °C	200	200	210
Pour Point, °C	-33	-33	-30
Miscibility 10% oil in R22	-60	-58	-28

\*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible

### HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the ENOC Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.