

# CEPSA NORTHER AB



## Description

High quality synthetic lubricant oils for refrigeration compressors that use HCFC refrigerants. Based on alkylbenzene, it has high miscibility with HCFCs (R22, R408A, R409A, R401A, etc.), especially when these refrigerants have miscibility problems with mineral oils.

### Applications

- An oil specially developed for all types of refrigeration compressors, it is also suitable for lubricating air compressor cylinders (discharge temperature >200°).

### Product performance

- Compared with mineral oils, the synthetic CEPSA NORTHER AB oil has a higher solubility with refrigerants, which helps to avoid common problems of oil separation and freezing in the valves and thermal transfer surfaces of refrigeration systems.
- It has excellent chemical stability and resists reaction with refrigerants.
- It has very low freezing and floc points, which helps to prevent harmful wax precipitation that block the expansion valves and thermal transfer surfaces.
- Compatible with commonly used sealing materials.
- Miscible with mineral oils.

## Specifications

Meets the standards of the following manufacturers: APV, BITZER, BOCK, SABROE, YORK, BAUER, CIRRUS, SAUER & SOHN, etc.

## Typical Characteristics

SPECIFICATIONS	ASTM STANDARD (ISO-3448)	CEPSA NORTHER AB	
		68	100
Density 15°C, kg/l	D-4052	0.874	0.874
Flash Point O/C °C, min.	D-92	200	200
Freezing Point °C, max.	D-97	-33	-33
Viscosity at 40 °C, cSt	D-445	50	94
Viscosity at 100 °C, cSt	D-445	5.9	7.9
10% miscibility oil in R22 (°C)	Sealed tube	-60	-58

## Health & Safety and Environment

In accordance with current legislation, all health, safety and environmental information for this product is provided on the Material Safety Data Sheet, which gives details of potential hazards, handling precautions and first aid measures, together with environmental data.