



## Ny frost 68

### Premium OEM Refrigeration Compressor Oil from Sweden

#### Product Description

Ny frost 68 is a very high performance naphthenic mineral oil primarily intended for use in refrigeration compressors. It offers very low pour point to ensure excellent fluidity at very low temperatures by virtue of being almost wax-free. This oil keeps the evaporator tubes remain clean to improve heat transfer and to reduce costly downtime. It has good chemical stability and is suitable both for cylinder/piston and bearing lubrication.

#### Features and Benefits

Ny frost 68 is able to offer the following benefits in a wide variety of refrigeration applications:

**Low wax content** – Excellent low temperature fluidity & evaporator heat dissipation, i.e. helps to maintain optimum system efficiency.

**Good Chemical stability** – Ny frost 68 has very long service life and is able to reduce costly system downtime & improve productivity.

**Multi-Purpose oil** – Ny frost 68 is suitable for the lubrication of both cylinders/pistons & bearings, hence helps to reduce oil inventories.

#### Applications

Ny frost 68 is recommended for cylinder/piston and bearing lubrication in all conventional refrigeration compressors and for all other machinery operating at sub-zero temperatures. Typical applications include:

- Large industrial reciprocating and rotary refrigeration compressors.
- Industrial applications such as food freezing and cold storage plants
- Marine refrigeration applications
- Used primarily with ammonia refrigerant, but also used with selected halocarbons

#### Health and Safe

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. This product should not be used for purposes other than its intended use.



**Typical Properties :**

	Nyfrost 68
ISO Viscosity Grade	68
Color	0.5
Viscosity, ASTM D 445, cSt @ 40° C	68.0
Viscosity , ASTM D 445, cSt @ 100 °C	6.8
Pour Point, °C, ASTM D 97	-42
Flash Point, °C, ASTM D 92	200
Specific Gravity @15° C/15° C, ASTM D 1298	0.91
Total Acid Number, ASTM D 974, mg KOH/g	0.01
Flocculation Point, R 12, DIN 51351, °C	-31
Copper Strip, 100 °C, 3 hrs, ASTM D130	1
Sulphur Content, %, ASTM D2622	<0.01
Hydrocarbon Type Analysis, IR Method	
Ca, %	10
Cn, %	46
Cp, %	44