

# SUNISO™ 4HT

WORLD-LEADING REFRIGERATION LUBRICANTS



## Introduction

Suniso® 4HT is a hydrotreated refrigeration lubricant designed to lubricate commercial and industrial refrigeration compressors using ammonia (R-717) refrigerant. Suniso 4HT offers low solubility in ammonia, which improves system efficiency and performance. In addition, Suniso 4HT provides low oil volatility, which reduces lubricant consumption and maintenance costs.

## Application

Suniso 4HT is designed for use in commercial and industrial refrigeration systems charged with ammonia (R-717) refrigerant. Ideally suited for low-temperature systems where evaporator temperatures are as low as -36°C / -33°F, Suniso 4HT is an excellent option for use in industries such as cold storage warehouses, food and beverage processing, flash freezing, ice rinks, etc. Suniso 4HT is neutral toward common seal materials. If converting from a naphthenic lubricant, please consult a Petro-Canada Lubricants Technical Service Advisor.

## Food Industry Approved

**NSF H2 registered** – acceptable for use in food processing facilities where there is no possibility of food contact.



## FEATURES & BENEFITS



### LOW OIL VOLATILITY

Reduces lubricant consumption and maintenance costs



### LOW SOLUBILITY IN AMMONIA

Improves system efficiency and performance



### EXCELLENT THERMAL STABILITY

Extends fluid life, helping to reduce maintenance costs and downtime



### LOW WAX CONTENT & HIGH VISCOSITY INDEX

Excellent low-temperature fluidity with no waxy deposits to plug the system



### SEAL COMPATIBILITY

Suniso 4HT is neutral toward common seal materials. If converting from a naphthenic lubricant, please consult your Technical Services Advisor.

## Typical Performance Data

Property	ASTM Method	Suniso 4HT
Density @ 15°C, kg/L	D4052	0.87
Viscosity @ 40°C, cSt	D445	60
Viscosity @ 100°C, cSt	D445	8.1
Flash Point, °C / °F	D92	230 / 446
Pour Point, °C / °F	D5950	-39 / -38
Minimum Evaporator Temperature °C / °F		-36 / -33

The values quoted above are typical of normal production. They do not constitute a specification.



Committed to the disciplined operation of our business.

**CERTIFIED**

ISO 9001: 2015  
ISO 14001: 2015  
IAFT 16949: 2016



# SUNISO™

Learn more about us: [sunisolubricants.com](http://sunisolubricants.com)

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