

Synthetic Refrigeration Oil (PAG)

● Performance Overview

Maxtop Synthetic Refrigeration Oil (PAG) is manufactured using polyalkylene glycols and high-quality functional additives, and is suitable for refrigeration systems using ammonia as the medium.



● Features

01

Made from carefully selected raw materials.

02

Excellent viscosity-temperature properties, superior lubrication, and chemical stability.

03

High thermal and chemical stability.

04

Excellent low-temperature flowability.

05

This product is ultra-drying and highly hygroscopic. Please minimize contact between the product and the external environment.

06

Provides superior performance.

● Application Scenario

Suitable for use in ammonia-based refrigeration systems.

Performance indicators of synthetic refrigeration oil (PAG)

Project	Quality indicators
Density at 15°C kg/m ³	1044
Kinematic viscosity at 40°C mm ² /s	70
At 100°C mm ² /s	14
Viscosity index	210
Pour point °C	-52
Neutralization number mgKOH/g	0.04
Color	0.5
Flash point °C	250
Solubility with ammonia, solubility of 10% oil with 90% ammonia °C	-35
Moisture content mg/kg	300

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