

合成冷冻机油（PAG）

● 性能概述

迈斯拓合成冷冻机油（PAG）是采用基于聚亚烷基二醇和优质功能添加剂制造而成，适用于以氨为介质的制冷系统。



● 产品特点

01

采用精心挑选的原料研制而成。

02

优异的黏温性能，润滑性能优异，化学性质稳定。

03

高热稳定性和化学稳定性

04

优异的低温流动性

05

本产品为超干燥产品。具有极强的吸湿性。请尽量减少产品与外界环境的接触。

06

可提供卓越的性能。

● 应用场景

适用于以氨为介质的制冷系统使用。

合成冷冻机油（PAG）性能指标

项目			质量指标
密度	15℃	kg/m ³	1044
运动粘度	40℃	mm ² /s	70
	在100℃	mm ² /s	14
粘度指数			210
倾点 °C			-52
中和数		mgKOH/g	0.04
颜色			0.5
闪点 °C			250
与氨的溶剂度，10%油与90%氨的溶解度 °C			-35
水分含量		mg/kg	300

Maxtop®

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

Maxtop[®]