

合成空气压缩机油（MTSACO100#）

● 性能概述

迈斯拓合成空气压缩机油（MTSACO100#）采用饱和合成酯为基础油，加入优质功能复合添加剂制造而成，具有独特高性能，适用于往复式压缩机在高压下运行，排气温度可超过220℃。



● 产品特点

01

延长机油和设备使用寿命，节约维护成本。

02

不会出现沉积物和油泥。

03

出色的耐磨保护，有助有延长轴承齿轮的寿命，保持系统效率。

04

具有高的导热系数，传热速度快。

05

卓越的可生物降解性，减少对环境的影响。

06

卓越的冷却性能，适用于对性能要求极高的场合。

● 应用场景

适用于所有工业往复式空气压缩机，特别是那些在严苛条件下运行的压缩机，比如温度超过220℃的持续高压输送场景。

合成空气压缩机油 (MTSACO100#) 性能指标

项目	质量指标
ISO粘度等级	100
粘度指数	78
运动粘度 mm ² /s 40℃	100
密度 kg/m ³ 20℃	978
闪点 (开口) °C	261
倾点 °C	-39
灰分, %	0.02
防锈性 蒸馏水 24h	通过
铜片腐蚀 (100℃/3h, 级)	1b
破乳化 82℃ min	23

Maxtop®

Synthetic air compressor oil (MTSACO100#)

● Performance Overview

Maxtop Synthetic air compressor oil (MTSACO100#) is made from saturated synthetic ester as the base oil and with the addition of high-quality functional compound additives. It has unique high performance and is suitable for reciprocating compressors operating under high pressure, with exhaust temperatures exceeding 220°C.



● Features

01

Extends oil and equipment lifespan, saving maintenance costs.

02

There will be no sediment or sludge.

03

Outstanding wear-resistant protection helps to extend the service life of bearings and gears and maintain system efficiency.

04

High thermal conductivity ensures rapid heat transfer.

05

Outstanding biodegradability reduces the impact on the environment.

06

Superior cooling performance makes it suitable for high-performance applications.

● Application Scenario

Suitable for all industrial reciprocating air compressors, especially those operating under harsh conditions, such as continuous high-pressure delivery scenarios with temperatures exceeding 220°C.

Performance indicators of synthetic air compressor oil (MTSACO100#)

Project	Quality indicators
ISO Viscosity grade	100
Viscosity index	78
Kinematic viscosity mm ² /s at 40°C	100
Density: kg/m ³ , 20°C	978
Flash point (open) °C	261
Pour point °C	-39
Ash content, %	0.02
Anti-rust distilled water for 24 hours	"Through
Copper sheet corrosion (100°C/3h, grade)	1b
Demulsification at 82°C for min	23

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