

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 |

Maxtop®