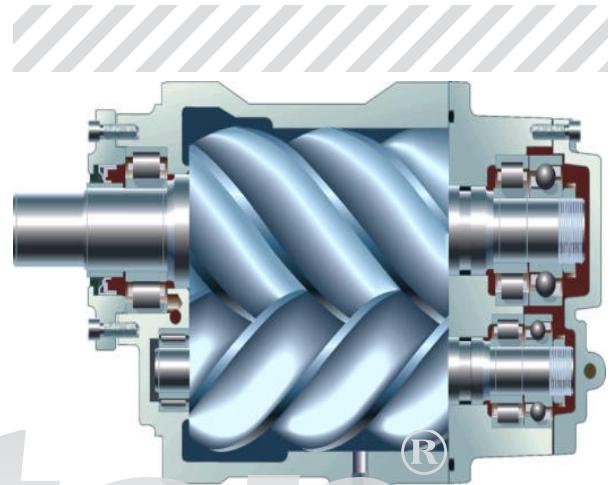


# Rotary screw synthetic air compressor oil (MTPE46#)

## ● Performance Overview

Maxtop Rotary screw synthetic air compressor oil (MTPE46#) is composed of high-quality water-insoluble polyethylene glycol, saturated synthetic esters and high-quality additives, which can prevent the formation of internal sludge due to the oxidation of hydrocarbons.



## ● Features

### 01

It does not produce sludge and can dissolve the residual sludge in the original system.

### 02

Higher flash point and lower evaporation loss.

### 03

It has an extremely long service life, longer than that of ordinary compressor oil. It has surpassed many compressor oils produced from PAO base oils.

### 04

It has a high thermal conductivity and a fast heat transfer speed.

### 05

Outstanding biodegradability reduces the impact on the environment.

### 06

Outstanding cooling performance, suitable for applications with extremely high performance requirements.

## ● Application Scenario

Designed specifically for rotary screw air compressors, it can ensure that the compressor always maintains optimal performance, operates efficiently within various ranges, significantly saves costs, and is environmentally friendly.

Under normal circumstances, its lifespan can reach 2 years or more than 8,000 hours.

# Performance indicators of rotary screw synthetic air compressor oil (MTPE46#)

Project	Quality indicators
ISO Viscosity Classification	46
Viscosity index	173
Viscosity, cST(SUS) 40°C	48.3
Pour point, °C	-50
Flash point COC, °C	272
Autoignition point. °C	388
Copper sheet corrosion, 3 hours, 100°C	1A
Four-ball grinding spot diameter, 40kg, 1 hour, 1800 RPM, (mm)	0.75
Four-ball sintering load, kg	140
Evaporation loss, % 149°C, 73 hours	0.53
Corrosion of ferrous metals (corrosion test)	
Distilled water	"Through
Artificial seawater	"Through
Foam tendency (Sequences I, II, III)	zero
Density (25°C cm <sup>3</sup> /g)	0.9872
Acid value, mg	0.05
PH value	9
Rotate the oxygen bomb for 1080 minutes	1120

**Maxtop®**