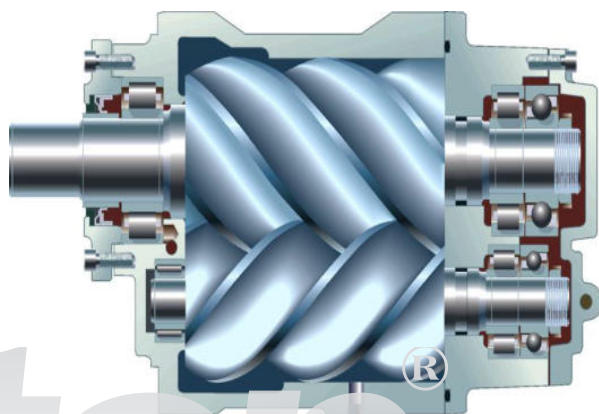


旋转螺杆式合成空气压缩机油（MTPE46#）

● 性能概述

迈斯拓旋转螺杆式合成空气压缩机油（MTPE46#）采用优质水不溶聚乙二醇与饱和合成酯及优质添加剂的组合物，可杜绝碳氢化合物氧化后形成的内部油泥。



● 产品特点

01

不产生油泥，并可溶解原系统残留的油泥。

02

更高的闪点，更低的蒸发损失。

03

使用寿命超长，比一般的压缩机油时间更长。已超过了
很多PAO基础油生产的压缩机油。

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

专为旋转螺杆式空气压缩机而设计，可保证压缩机时刻保持最佳性能，可在各种范围内高效工作，显著节约成本，对环境友好。
正常情况下寿命可达2年或8000小时以上。

旋转螺杆式合成空气压缩机油 (MTPE46#) 性能指标

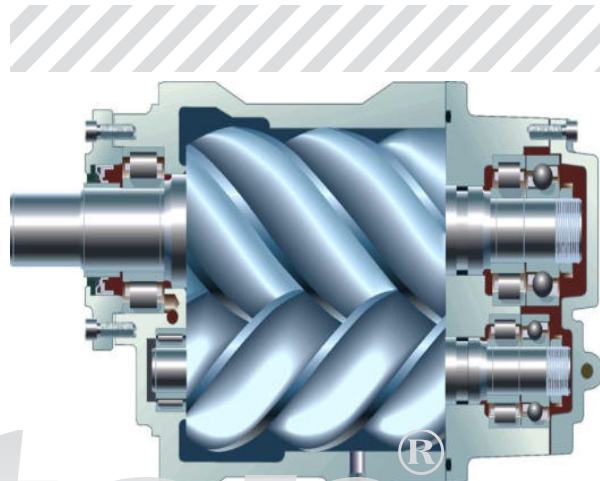
项目	质量指标
ISO粘度分类	46
粘度指数	173
粘度, cST(SUS) 40°C	48.3
倾点, °C	-50
闪点 COC, °C	272
自燃点, °C	388
铜片腐蚀, 3h, 100°C	1A
四球磨斑直径, 40kg, 1h, 1800rpm, (mm)	0.75
四球烧结负荷, kg	140
蒸发损失, % 149°C, 73hrs	0.53
铁质金属腐蚀 (腐蚀测试)	
蒸馏水	通过
人造海水	通过
泡沫倾向 (序列 I、II、III)	零
密度 (25°C cm³/g)	0.9872
酸值, mg	0.05
PH值	9
旋转氧弹, 1080min	1120

Maxtop®

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 Artificial seawater	"Through "Through
Foam tendency (Sequences I, II, III)	zero
Density (25°C cm ³ /g)	0.9872
Acid value, mg	0.05
PH value	9
Rotate the oxygen bomb for 1080 minutes	1120

Maxtop[®]