Technical Data Sheet / 技术数据表



RMM SPO SERIES/速成 SPO 系列 Spindle Oil 钉子油

Product Description/ 产品说明

RMM SPO Series are premium quality Spindle oil formulated for use in high-speed, lightly loaded bearings, running at speeds of found in textile spinning frames and in automated machine tools. SPO products also used in some critical hydraulic and circulation systems where the appropriate viscosity grade is selected. SPO series provide good oxidation stability, rust protection and resistance to deposit formation. They possess very good resistance to foaming and separate readily from water.

速成 SPO 系列是高品质的钉子油.该系列主要用在机床高速钉子,轻轴承系统和纺织细纱机。该产品可用于一些选用适当粘度的重要液压和循环系统以的润滑。该系列有出色的抗氧化特性,非常好的防锈防腐保护。SPO 系列有非常好的抗泡沫性能,易于与水分离。

Features and Benefits/特征与优越性及优点

- excellent oxidation stability
- excellent water separation characteristics
- excellent protection from rust and oxidation
- excellent anti-wear properties
- 出色的抗氧化特性
- 出色的防止锈蚀与腐蚀
- 出色的分水性能
- 出色的抗磨损性能

Applications/应用范围

- Hydraulic System which required low viscosity and anti-wear lubricants.
- Industrial Circulating Systems.
- High speed spindles / bearings of spinner and twister
- 低粘度油液压系统
- 工业循环系统
- 高速钉子/轻轴承钉子





Meet Standard Performance/标准性能达到

• Cincinnati Milacron P62, P45

Properties and Specifications/典型数据

SPO Series/系列			
ISO Grade 等级	10	15	22
Kinematic Viscosity/粘度,@ 40° C, mm2/s, ASTM D445	10	15	22
Kinematic Viscosity/粘度,@ 100° C, mm2/s, ASTM D445	2.6	3.3	4.0
Viscosity Index/粘度指数, ASTM D2270	86	80	58
Density/密度@ 15°C, g/cm3, ASTM D4052	0.845	0.856	0.860
Flash Point/闪点, Cleveland Open Cup, °C, ASTM D92	180	190	210
Pour Point/倾点, °C, ASTM D97	-15	-10	-25