

ExxonMobil 427 Mobilmet 400 Series

Category : Fluid , Lubricant

Material Notes:

Mobilmet 400 Series products are high-performance multi-purpose cutting oils. They are chlorine-free, non-staining and non-corrosive. They are designed for light to moderate duty cutting operations and they are also suitable as machine tool lubricants and for use in light duty hydraulic systems. They are formulated from high quality base oils and select additives to provide effective machining performance in a wide variety of operations of both ferrous and non-ferrous metals. The oils are light-colored and transparent so that the work area can be clearly seen at all times. The higher viscosity Mobilmet 420s are formulated to prevent the formation of oil mist in the vicinity of the machine tool. Mobilmet 400 Series fluids are resistant to foaming, even with excess splashing so that superior performance is provided in the machine tool lubrication system. With relatively low pour points and high viscosity indexes, they are not difficult to dispense in cold conditions and provide adequate film strength in hot-running machine tool bearings under load. Mobilmet 400 Series fluids are recommended for a wide range of machining operations on all types of metals. They can be used as multi-purpose oils when a common fluid is required for machine tool lubrication and as a hydraulic fluid assuming proper viscosity selection.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-427-Mobilmet-400-Series.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.877 g/cc	0.877 g/cc	15°C; ASTM D1298
Viscosity Measurement	110	110	Index; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	43.3 cSt	43.3 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	6.9 cSt	6.9 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-12.0 °C	10.4 °F	ASTM D97
Flash Point	212 °C	414 °F	ASTM D92

Descriptive Properties	Value	Comments
Copper Strip Corrosion	1B	3 hrs @ 100°C

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