

## ExxonMobil Mobil Velocite 10

Category : Fluid , Lubricant

### Material Notes:

The Mobil Velocite Oil Numbered Series oils are premium performance products primarily designed for the lubrication of high-speed spindles in machine tools. They are also used in some critical hydraulic, circulation systems and air line oilers where the appropriate viscosity grade is selected. They are formulated from select high-quality, low viscosity base oils and additives that impart good resistance to oxidation and protection from rust and corrosion. They possess very good resistance to foaming and separate readily from water. High speed spindle bearings in machine tools and equipment where high speeds and fine clearances are involved; Precision grinders, lathes, jig borers and tracer mechanisms; Velocite Oil No 3 is recommended for "zero clearance" type spindle bearings which operate with extremely close clearances; For sleeve type spindle bearings having greater clearances, the choice of viscosity depends on the relation between clearance and spindle speed; Low pressure hydraulic systems where appropriate viscosity is selected; Air line oilers (Mobil Velocite Oil No. 10); For some sensitive instruments such as telescopes, laboratory equipment, etc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Mobil-Velocite-10.php](http://www.lookpolymers.com/polymer_ExxonMobil-Mobil-Velocite-10.php)

Physical Properties	Metric	English	Comments
Density	0.862 g/cc	0.0311 lb/in <sup>3</sup>	ASTM D4052
	@Temperature 15.0 °C	@Temperature 59.0 °F	
Kinematic Viscosity at 40°C (104°F)	22 cSt	22 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	4.0 cSt	4.0 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-30.0 °C	-22.0 °F	ASTM D97
Flash Point	212 °C	414 °F	ASTM D92

Chemical Properties	Metric	English	Comments
Total Acid Number	0.10	0.10	mgKOH/g; ASTM D974

Descriptive Properties	Value	Comments
Copper Strip Corrosion	1A	3 hrs @ 100°C
Rust Prevention, Distilled Water	pass	ASTM D665A

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