

UNIMET 183

Good lubricity for light and medium machining on most ferrous and non-ferrous materials

Good Material Compatibility

Machines most ferrous and non-ferrous materials

Great Durability

Great stability, long sump life and strong bio-stability

Cost Effective

With low consumption and a competitive price point

Great Foaming Behavior

Great foam control even in soft water and high pressure

Good Lubricity

Provides good cutting lubricity due to quality mineral oil base

Good Corrosion Protection

Protection against corrosion with a combination of oil content and additives

Chlorine Free

Creating a safer work environment

Low Consumption

Provides great flushing and washing characteristics lowering consumption

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Description

UNIMET 183 is a water-soluble, semi-synthetic metalworking fluid designed to give you excellent machining, reduced foaming, and good corrosion protection in a wide range of manufacturing applications.

The UNIMET 183 has the capabilities to be used in light and medium machining applications. It's highly stable low foam formulation makes the UNIMET 183 a great choice for operation and maintenance managers world wide.

UNIMET 183 is widely used in small metal working facilities because of it's versatility in different applications. Midsize and large metal working facilities choose UNIMET 183 for it's

lubricity and outstanding machining performance especially with materials like cast iron and steel.

Switching to the powerful combination of UNIMET 183 and Oemeta's technical support program will significantly improve your productivity and reduce your costs.

Oemeta - metalworking coolants from specialists for specialists.

Application Chart

Materials	Process							
	Conventional Grinding	Creep Feed Grinding	Turning	Milling	Drilling	Deep Drilling	Reaming	Broaching
Aluminum	++	+	++	++	+	+	+	+
Cast Iron	+++	+++	+++	+++	+++	++	++	++
Ceramics	+	+	+	+	+	-	-	-
Composites	++	+	+	+	+	+	+	+
Glass	+	+	+	+	+	-	-	-
Inconel	++	+	+	+	+	+	+	+
Plastic	++	+	++	++	++	++	++	++
Steel	+++	++	++	++	++	++	++	++
Stainless Steel	+++	++	++	++	++	++	++	++
Titanium	++	+	+	+	+	+	+	+
Yellow Metal	++	+	++	++	++	+	+	+

3-5%	6-9%	9-12%	Not Recommended: -	OK: +	Good: ++	Great: +++
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Test Strip Chart

Unimet 183 Refract Index: 2.2 Refractometer readings only give proper results with fresh emulsions. Contamination with tramp oil, particles and other substances distort the reading on emulsions in use. Test strip readings used with refractometer readings however can help determine contamination levels.	Test Strip Colors						
		1.7%	3.0%	4.7%	6.0%	8.5%	10.6%
		Too Low	Too Low	Good	Good	High	High