



NOVAMET 100

For all materials - Provides good lubricity, great durability and amazing foam control for all applications

Good Material Compatibility

Machine all materials from plastic, cast iron, aluminum, titanium, and inconel

Lower Consumption

Leaves less coolant on parts and chips, reducing overall consumption

Excellent Safety

With its environmentally safe formulation it requires no labelling under GHS

Great Foaming Behavior

Great foam control even in soft water and high pressure

Good Lubricity

Provides good cutting lubricity due to effective EP additives

Excellent Corrosion Protection

Great protection against corrosion with a combination of oil and additives

Chlorine Free

Creating a safer work environment

Great Durability

Great stability, long sump life and strong biological resistance

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Description

NOVAMET 100 is a water-soluble, semi-synthetic metalworking fluid designed to give you great machining, reduced foaming, and full corrosion protection in a wide range of applications.

NOVAMET 100 is a great choice in soft water or high pressure applications due to its highly stable low foaming design.

The highly stable formulation makes NOVAMET 100 a great choice for use in harsh environments including working in cast iron operations. The extended sump life will reduce costs, due to less disposal, and less maintenance time spent cleaning and maintaining machines.

INOVAMET 100 also provides all of this biostability while not having any of the warning statements under the new GHS labelling requirements, meaning a safe work environment and greater worker safety.

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	+++	++	++	+++	+++	++	++	++

5-6%	6-8%	8-12%	Not Recommended: -	OK: +	Good: ++	Great: +++
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Test Strip Chart

NOVAMET 100 Refract Index: 1.1 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						
		1.6%	2.7%	4.3%	5.4%	7.8%	9.7%
		Too Low	Too Low	Low	Good	Good	High