

Product Information

Water-Miscible Metal Working Fluid

NOVAMET 100

is an all-purpose product used for machining and forming of ferrous and non-ferrous metals. The performance of the product is such that it can also be used on hard to machine materials.

Benefits:

- Suitable for all metal machining applications
- Particularly recommended for aluminum and aluminum alloys chipping
- Longer sump life due to its high micro-biological stability
- High washing and flushing power ensures cleaner machines and work pieces
- Very good foaming characteristics even with water hardness of 5°d
- Good corrosion protection

Data of the Product (Water-Mixed):

Determination	Method	Unit	Value
pH-Value 5.0%	ASTM D 1287	---	9.3
Corrosion test		[w/w] - S0/R0	3.0
Corrosion test	ASTM D 4627-92	[w/w] - K0	4.0

Data of the Product (Concentrate):

Determination	Method	Unit	Value
Density, 68°F	ASTM D 1298	[kg/m ³]	990
Kin. viscosity, 104°F	ASTM D 445	[mm ² /s]	33

Recommended concentration (depending on application and conditions):

4 – 8%

Factors (other factors on request):

Refractometer: 1.1%/°Bx

Testkit: 7.0%/ml

Shelf Life/ Storage Conditions:

6 months under ambient storage conditions. The product may become discolored during storage. This does not influence the quality of the concentrate or mixed emulsion.

Industrial Health and Safety - Environmental Protection:

For more details about health and safety please read the information on the safety data sheet.

Disposal:

In compliance with the local waste regulations