

PRODUCT INFORMATION

WATER-MISCIBLE METAL WORKING FLUID

NOVAMET 110

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

- Machining of steel, grey cast iron and aluminum alloys
- Broad application area (turning, drilling, milling, grinding, etc.)
- 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
- Free of biocides

DATA OF PRODUCT | WATER-MIXED

DETERMINATION	METHOD	UNIT	VALUE
pH-Value 5.0%	ASTM D 1287	---	9.5
Corrosion test	ASTM D 4627-92	[w/w] - K0	3.5

DATA OF PRODUCT | CONCENTRATE

DETERMINATION	METHOD	UNIT	VALUE
Density, 68°F	ASTM D 1298	[kg/m ³]	973
Kin. viscosity, 104°F	ASTM D 445	[mm ² /s]	36

RECOMMENDED CONCENTRATION (DEPENDING ON APPLICATION AND CONDITIONS)

- Standard concentration: 4 – 10%
- Product can be use in a higher concentration. Please contact your coolant partner for more information.

FACTORS (OTHER FACTORS ON REQUEST)

Refractometer: 1.1%/°Bx

Testkit: 7.8%/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