

PRODUCT INFORMATION

WATER-MISCIBLE METAL WORKING FLUID

NOVAMET 1000 S

is a high-performance soluble oil based on innovative resources and modern lubricant formulations. The product is especially suitable for demanding machining processes of various materials due to special AW- and EP- additives.

BENEFITS

- Free from boron and formaldehyde
- Suitable for ferrous and non-ferrous metals
- Recommended for steel, aluminium alloys and yellow metals (mixed production)
- Very broad application area (turning, drilling, milling, grinding, etc.)
- Recommended for stand-alone machines and central systems
- Very high stability
- Easy maintenance by tramp oil separation
- Very good foaming characteristics
- Excellent corrosion protection

DATA OF PRODUCT | WATER-MIXED

DETERMINATION	METHOD	UNIT	VALUE
pH-Value 5.0%	DIN 51 369	---	9.6
Corrosion test	DIN 51 360/2	[w/w]-K0	5.5

DATA OF PRODUCT | CONCENTRATE

DETERMINATION	METHOD	UNIT	VALUE
Density, 20°C	DIN 51 757	[kg/m ³]	902
Kin. viscosity, 40°C	DIN 53 018	[mm ² /s]	64
Refractive index, n _{D20}	DIN 51 423	---	1.477

RECOMMENDED CONCENTRATION (DEPENDING ON APPLICATION AND CONDITIONS)

- Standard concentration: 5 – 8%
- Product can be use in a higher concentration. Please contact your coolant partner for more information.

FACTORS (OTHER FACTORS ON REQUEST)

Refractometer	0.9%/°Bx
Testkit	17.9%/ml

SHELF LIFE | OPERATING AND STORAGE CONDITIONS

6 months under ambient storage conditions. The product may become discoloured 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