

PRODUCT INFORMATION
WATER-MISCIBLE METAL WORKING FLUID

NOVAMET 900 A

is an all-purpose product suitable for machining of ferrous and non-ferrous metals. The product features high performance and low consumption in a broad application area and even in demanding processes.

BENEFITS

- Free from boron
- Machining of cast iron, steel, aluminium alloys, and yellow metals (mixed production)
- Broad application area (e.g., turning, drilling, milling, and grinding)
- Very high stability and therefore long service life
- Compatible with all cutting fluid systems (stand-alone machines and central system)
- Very good flushing- and wetting action, resulting in clean parts and machines
- Outstanding residues characteristics
- Good corrosion protection
- Outstanding skin compatibility

DATA OF PRODUCT | WATER-MIXED

| DETERMINATION | METHOD | UNIT | VALUE |
|----------------|--------------|------------|-------|
| pH-value 5.0% | DIN 51 369 | --- | 9.5 |
| Corrosion test | DIN 51 360/2 | [w/w] - K0 | 4.0 |

DATA OF PRODUCT | CONCENTRATE

| DETERMINATION | METHOD | UNIT | VALUE |
|--|---------------|----------------------|-------|
| Density, 20°C | DIN 51 757 | [kg/m ³] | 981 |
| Kin. viscosity, 40°C | DIN EN 16 896 | [mm ² /s] | 40 |
| Refractive index, n _D ²⁰ | DIN 51 423 | --- | 1.452 |

RECOMMENDED CONCENTRATION (DEPENDING ON APPLICATION AND CONDITIONS)

- Standard concentration at room temperature: 4.0 - 10.0%
- Product can be use in a higher concentration. Please contact your coolant partner for more information.
- See also "Technical information: New fill general".

FACTORS (OTHER FACTORS ON REQUEST)

Refractometer 1.2%/°Bx
Testkit 8.2%/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, SAFETY AND 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.