

PRODUCT INFORMATION
WATER-MISCIBLE METAL WORKING FLUID

UNIMET AS 220 R

is a particularly efficient product that can be used for a large variety of machining applications and materials.

BENEFITS

- Free from bactericide (e.g., formaldehyde)
- Suitable for the machining of cast iron and steel
- Extreme high stability and long sump life
- Very good foaming characteristics even with water hardness of 10°d
- Good washing characteristics ensure clean parts and machines
- Very good corrosion protection
- Outstanding skin compatibility

DATA OF PRODUCT | WATER-MIXED

DETERMINATION	METHOD	UNIT	VALUE
pH-value 5.0%	DIN 51 369	---	9.3
Corrosion test	DIN 51 360/2	[w/w] - K0	3.5

DATA OF PRODUCT | CONCENTRATE

DETERMINATION	METHOD	UNIT	VALUE
Density, 20°C	DIN 51 757	[kg/m ³]	1005
Kin. viscosity, 40°C	DIN EN 16 896	[mm ² /s]	41
Refractive index, n _D ²⁰	DIN 51 423	---	1.450

RECOMMENDED CONCENTRATION (DEPENDING ON APPLICATION AND CONDITIONS)

- Standard concentration at room temperature: 3.5 - 8.0%
- 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 1.1%/°Bx
Testkit 6.8%/ml

SHELF LIFE | OPERATING AND STORAGE CONDITIONS

12 months under ambient storage conditions.

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.