

PRODUCT INFORMATION
HYCUT – SYSTEM

ADDITIV HM

is the additional component for the HYCUT two-component-system. It fulfils all secondary requirements for cutting fluids, e.g., corrosion protection. The product is especially designed for the machining of hard metals.

BENEFITS

- Free from boron and silicon
- Stabilises the pH-value
- Good corrosion protection
- Optimisation of the physical stability
- Effectively prevents cobalt release
- Compatible to the HYCUT – system

DATA OF PRODUCT | WATER-MIXED

DETERMINATION	METHOD	UNIT	VALUE
pH-value 2.5%	DIN 51 369	---	9.5
Corrosion test	DIN 51 360/2	[w/w] - K0	2.0

DATA OF PRODUCT | CONCENTRATE

DETERMINATION	METHOD	UNIT	VALUE
Density, 20°C	DIN 51 757	[kg/m ³]	1099
Kin. viscosity, 40°C	DIN EN 16 896	[mm ² /s]	5
Refractive index, n _D ²⁰	DIN 51 423	---	1.422

RECOMMENDED CONCENTRATION (DEPENDING ON APPLICATION AND CONDITIONS)

- Standard concentration at room temperature: 2.5 - 3.0%
(When using the HYCUT performance component at the same time.)
- Product can be use in a higher concentration. Please contact your coolant partner for more information.
- See also "Technical information: New fill of 2-component coolant".

FACTORS (OTHER FACTORS ON REQUEST)

Refractometer 1.7%/°Bx
Testkit 5.7%/ml

SHELF LIFE | OPERATING AND STORAGE CONDITIONS

12 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.