



AGIP AQUAMET 700 HP

AGIP AQUAMET 700 HP is a universally applicable cooling lubricant with excellent technological properties. It guarantees a very good performance at medium and severe applications for all materials such as steel, aluminium and copper alloys, in single filled machines as well as in central systems.

Low foam formation also with different water hardness (optimum range from 5° to 20° dh) and with high pressures.

Characteristics (typical value):

AQUAMET 700 HP

Product		Emulsion	
Appearance	Brown	Appearance	Milky
Density at 20°C	0,95 g/cm ³	pH at 3% in demineralised water	9,1
Refractometer factor	1,3	Corrosion test at 3% IP 125	Passed

Properties and Performance:

- free from triazine biocide, secondary amines and chlorine
- good cooling and lubrication properties
- high stability
- very low foam
- long emulsions lifetime
- fine disperse emulsion

Recommended application concentration:

General cutting
Grinding

5 - 8% according to material
starting 4% according to material

For the application of copper and aluminium alloys a stain test has to be performed.

Remark:

The following items have to be observed to achieve the best results:

- Before the preparation of the emulsion: Tank and circulation system have to be cleaned and sterilized with suitable cleaning agents and bactericides
- If possible prepare the emulsion with an automatic mixing unit
- In case of manual mixing it is always better to add the concentrate to the water, to avoid problems of instability of the emulsion
- It is better to store the product in a closed environment at +5° to +30°C to prevent the ageing of the product due to temperature changes or outdoor storage

Further information will be provided by our Technical Department.