

## HOSMAC – AL 120 US

Quenching Agent Concentrate

### Product Information

**HOSMAC - AL 120 US** is a synthetic water-miscible concentrate for the quenching of steel.

**HOSMAC - AL 120 US** contains polymer components in combination with organic corrosion protection additives.

**HOSMAC - AL 120 US** creates a clear, transparent solution in water and provides optimal performance for extended period of time. Contamination with oils do not lead to sticky residues on the parts because mineral oil based non water-miscible products can easily be removed by skimming.

In most cases 5 – 12% **HOSMAC - AL 120 US** is diluted in water. It has to be slowly added to the necessary amount of tap water and stirred thoroughly. Automatic mixing devices may also be used.

Work piece treated with **HOSMAC - AL 120 US** can easily be cleaned with conventional alkaline industrial cleaners.

### Physical Properties

#### Concentrate

Appearance	slightly grey-purple, high viscous liquid
Specific gravity 20°C	1090 kg/m <sup>3</sup>
Viscosity 20°C	700 mm <sup>2</sup> /s

#### Solution

Appearance	clear
pH-Value 2 - 10%	9.0 – 9.4

#### Factor to determine the concentration

Refractometer	1.4
Titration (Unitech test procedure 206 A)	0.33

### Storage

During storage **HOSMAC - AL 120 US** should not be exposed to temperatures below 0°C or above 40°C. Large temperature fluctuation has also to be avoided. It should be brought to room temperature prior to usage.

### Health and Safety

Please refer to Material and Safety Data Sheet for complete information.

### Disclaimer

All statements, technical information and recommendations contained in this Product Information, tests and data Unitech believes to be reliable, but the accuracy or completeness is not guaranteed.

Unitech warrants Unitech products will be free from defects when shipped to the customer. Unitech's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement the customer must notify Unitech of the claimed defect within six month after shipment of product to the customer. Unitech shall have no liability for any injury, loss or damage arising out of use of or inability to use the products.

**Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.**

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