

## HOSMAC – AL 120

Quenching Agent Concentrate

### Product Information

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

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

**HOSMAC - AL 120** 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** is diluted in water. It has to be added slowly to the necessary amount of tap water and stirred thoroughly. Automatic mixing devices may also be used.

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

### Physical Properties

#### Concentrate

|                       |   |
|-----------------------|---|
| Appearance            | slightly grey-purple, high viscous liquid |
| Specific gravity 20°C | 1080 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                          | 1.5  |
| Titration (Unitech test procedure 206) | 0.29 |

### Storage

During storage **HOSMAC - AL 120** 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 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.

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**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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