



ADECO® SINTOL 506

Product Description:

ADECO® SINTOL 506 is efficient synthetic fluid intended for universal application. It is a mixture of amines, carboxylic acid, polyglycol and polycarboxylic acid. Ensures excellent protection against corrosion, as well as bacterial and fungicidal protection. Does not contain boron compounds.

Purpose:

ADECO® SINTOL 506 is used as an agent for cooling, lubrication and anti-corrosion protection under light and medium processing conditions: straight and circular grinding, scraping and milling of low-alloy steel, gray and nodular cast iron.

It is suitable for use as an anti-corrosive fluid in the testing of the pipes and valve under pressure.

It is mixed with water in a concentration of 5 – 7% by adding the agent to the previously prepared water (not vice versa). It is recommended to use a mixer (EMULSION MIXER) to achieve a perfectly homogeneous mixture.

Recommended concentrations:

- Straight grinding: 3%;
- Round grinding: 3%;
- Scraping, milling: 5 – 7%.

Physical and Chemical Properties:

| <i>Characteristic, Unit</i> | <i>Referential Values</i> | <i>Method</i> |
|-------------------------------------|----------------------------------|----------------------|
| Appearance | Clear liquid | Visual |
| Color | Light yellow | Organoleptic |
| Density at 20 °C, g/cm ³ | 1,100 | ASTM D 1298 |
| pH Value of 2% solution | 9,5 | pH Indicator Strips |
| Refractive Factor | 1,79 | Refractometer |

Note: Use refractive factor when determining the refractive index. According to the above recommended concentration, the expected concentration of substance is from 3% to 4%. Before using the refractometer, the apparatus must be calibrated with distilled / demineralized water.

Meet Specifications: ISO 6743/7 L-MAG

Packaging: 5 L, 200 L