EASYCUT FORM121

WATER-MISCIBLE ESTER OIL-BASED FLUID FOR STAMPING, DRAWING AND FORMING

Water-miscible ester oil-based concentrate of lubricating and cooling fluid. FORM121 allows for high performance forming operations, incl. stamping and drawing of alloy as well as plain carbon steel.

COMPOSITION FEATURES

- Does not contain boric acid.
- Does not contain formaldehyde.
- Does not contain mineral oil.
- Contains amines.
- Base — ester oil.

PRODUCT PROPERTIES AND ADVANTAGES

- Good cooling and detergency properties.
- High surface finish and low tool wear due to a balanced combination of active ingredients.

TECHNICAL DATA

- Kinematic viscosity of the concentrate at 20°C, mm^2/s — 116.
- Approximate mineral oil content, % — 0.
- pH of fresh 5% emulsion: 8.2.
- Corrosion protection DIN 51360/2 - 9% — corrosion degree 0.
- **Refractometer factor**, %/°Brix — **1.3**.

RECOMMENDATIONS AND FEATURES

- To prepare a high-quality finely dispersed emulsion, it is recommended to use the automatic mixer device.
- For manual preparation, it is recommended to slowly add the concentrate to the water (not water to the concentrate), mixing evenly.
- The recommended concentration for forming operations: from 8%.
- The concentration of the working emulsion is measured by a manual (LQ20T) or electronic refractometer. To do this, the read value is multiplied by the **refractometer factor** of **1.3**.

COMMENTS

Minor variations in color and appearance are possible due to the raw materials chosen. However, these have no influences on the functionality of the product.

All information on safe and proper handling can be found on the MSDS.

DESIGNED IN GERMANY

SHELF LIFE AND STORAGE CONDITIONS

Stable for 12 months when stored at a temperature of 5 to 40 °C in unopened containers.

COOLANT CALCULATOR

Please use our on-line coolant calculator for top-up concentration math.

Import to Canada: CNCmarket.ca Inc., 2360 Portland Street SE, Calgary, AB, T2G5S2, Canada

Product technical data sheet (v 2024-11-05)