

## **JOKISCH FOSIA MIX MICRO** (Jokisch Mixing Device for Plastic Cans and Drums)

**One mixing unit for all container sizes. Aid for all workplaces where homogeneous emulsions are prepared.**

### APPLICATION

The barrel mixing unit operates on the principle of jet pumps (Venturi principle), and requires no further electric power. The transfer of energy to the pumped liquid (concentrate) is produced by mixing with the propellant fluid (water). It simplifies the mixing of emulsions and solutions considerably. The corresponding mixing ratio can be precisely adjusted on the setting wheel. Concentration determination is carried out by a hand refractometer (also available from us).

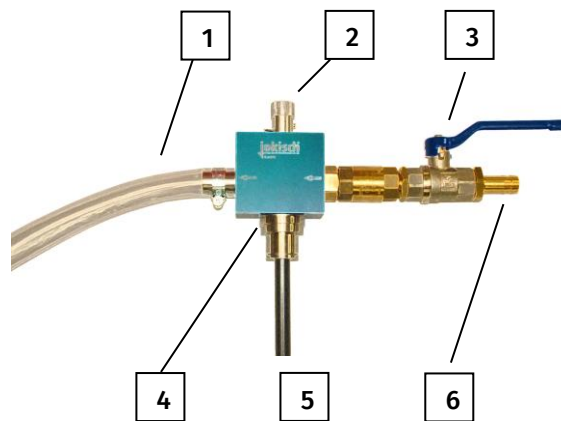
Through precise metering, an economical use of emulsions is possible.

### CHARACTERISTICS

- Concentration range of 1-16%.
- All water-soluble cooling lubricant concentrates can be mixed
- Ideal for filling individual machines or container.
- Can be easily attached to the container sizes (5L, 10L, 25L, 60L, 200L) by means of various screw caps.
- 5 different suction tube sizes for adjustment to the container size. All connections (5x suction tubes, 2x screw cap for canisters, 1x screw cap for barrels) are included in the scope of supply!

### CONSTRUCTION

1. Emulsion outlet
2. Concentration controller
3. Ball valve
4. Aluminium case
5. Suction pipe (5 different lengths)
6. Water coupling



**Jokisch GmbH**  
**Fabrik für Schmier- und Kühlmittelspezialitäten**

Industriestraße 5-10 | 33813 Oerlinghausen  
T +49 52 02 97 34 0 | F +49 52 02 97 34 49  
info@jokisch-fluids.de | www.jokisch-fluids.de



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### ASSEMBLY INSTRUCTION

1. Check if the screw adapter of the mixing device fits on the cooling lubricant container. From the factory, the connection to a 200 liter barrel is intended. Alternatively, the device is supplied with 2 adapter, allowing the connection of the device to canisters. Mount the appropriate adapter.
2. Select from the 5 different suction pipes the correct length for your coolant container and slide it into the opening provided at the bottom of the Jokisch canister and drum mixer.
3. Furthermore, there are two adapter for canisters (5L, 10L, 25L), if necessary replace the screw connection.
4. Connect a water hose to the inlet side of the cooling lubricant mixing unit and secure it carefully with a screw clamp. Depending on the classification of the cooling lubricant, it may be necessary to install a safety device against the backflow of the lubricant into the drinking water line according to EN 1717 or DIN 1988-4. The cooling lubricant mixing unit is designed for an inlet water pressure between 3 and 6 bar.
5. When the cooling lubricant is being mixed, please open the ball valve completely. This is the only way to guarantee a perfect functioning of the unit.
6. Attention, it is not allowed to lengthen the outlet hose.
7. Use the setting knob to adjust the desired concentration of the emulsion step by step (approx. 1-16%).
8. In any case, the concentration must be checked with a refractometer.