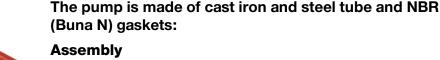


# OPERATING MANUAL

# Hand pump JP-13





- 1. Discharge arc to be screwed on to the pump housing
- 2. Rotary handle to be screwed on to the pump housing
- 3. Plastic part of the rotary handle to be fixed with a screw
- 4. Suction pipe screwed into the pump body
- 5. Plastic strainer on the suction side to be screwed on to the suction pipe
- 6. Drum adapter to be screwed on to the suction pipe



Turn the rotary handle several times fast and strong to buildup a water column A minimum level of 12 - 15 cm in the drum is necessary for the first suction process.

The pump is suitable for a wide range of low viscosity liquids such as diesel and low viscosity oils.

- Never use this pump for flammable liquids, solvents and in potentionally explosive environment.
- This pump is also not suitable for acids and caustic solutions.

### Safety Regulations

- Observe all warnings and safety regulations and read carefully the operating instructions.
- When filling dangerous liquids, you absolutely must wear (protective glasses, gloves, apron and possibly boots).
- Every user must know the contents of these operating instructions and have them handy at all times.
- Use the equipment within the framework of the material stability. The pump is made of aluminium and zinc coated steel and NBR (Buna N) gaskets.
- Only fill media emitting gases and smoking media in well ventilated areas. Also refer to the safety tips from the reagent manufacturer (safety specifications sheet).
- Only use the equipment in such a way that neither the operator nor other persons are endangered.
- Never use force when operating the equipment.

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