

TECHNICAL INFORMATION

CLEANER FL-D

Neutral Spray cleaner

Product description: Liquid, very well demulsifying spray cleaner for cleaning and degreasing of ferrous metals, cast iron, stainless steel, aluminium and non-ferrous heavy metals.

CLEANER FL-D is perfectly suited to clean after working processes (cold forging / cutting).

As well used in high-pressure cleaning applications.

The cleaned surfaces are prepared to be painted and bonded. Excellent cleaning performance combined with foam-free behaviour. Suited for application in the pre- and intermediate cleaning at heat treatment shops.

- foam-free above 38°C
- very quick oil separation
- free of secondary amines
- high pressure stability up to 400 bar
- free of salts like phosphates, silicates and silicone-free
- does not form blocking layers against diffusion processes

Application: Concentration: 1 to 5%
Temperature: 20 to 90°C

Specifications: Density at 20°C: 1.03 g/cm³
pH value (10 g/l) at 20°C: about 9.4

Major ingredients: Surfactants, neutralized organic acids, and corrosion protection components.

Concentration monitoring: Add 2 to 3 drops methyl-orange solution into 50 ml cleaner solution and titrate with 0.1N hydrochloric acid from yellow to reddish.

Used ml hydrochloric acid X 0.24 = % CLEANER FL-D

When using these products, all applicable safety regulations for the use of chemicals must be observed. For storage information, danger specifications, and safety regulations, please refer to the applicable safety data sheets. Application solutions and product remnants must be discarded in compliance with official regulations. The information given reflects our previous experience. With regard to varying operational conditions, this information is noncommittal and to be used as advice only. Therefore, we assume no liability whatsoever, including claims from third parties.

16.06.2011

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