

HDAL (Heavy Duty Aluminium Cleaner)

PART # 23984M2

DESCRIPTION

HDAL is a liquid, inhibited, water-based alkaline cleaner designed to clean mineral oil and grease. HDAL is an ideal heavy-duty universal cleaner which can be used safely on **ferrous and non-ferrous** materials. Existing commonly-used cleaners present the risk of material damage when strong, non-inhibited alkaline cleaners are mistakenly applied to non-ferrous parts and surfaces, for example, aluminum. **HDAL** contains special ingredients to ensure complete safety for non-ferrous surfaces. **HDAL** is formulated to eliminate blocking in nozzles and small lines in cleaning machines and high-pressure cleaning units.

APPLICATION

DILUTING

HDAL can be used for multiple cleaning applications and processes:

- › Steam Cleaning 1:50 down to 1:100
- › High-pressure Cleaning 1:50 down to 1:100
- › Immersion Baths 1:20 down to 1:100
- › Circulating 1:20 down to 1:100
- › Spray Cleaning 1:20 down to 1:100

The selected temperature of the water may range up to 60 degrees C. The cleaning time, selected dilution and rinsing depends on the nature and thickness of the contaminant or scaling. Because of the great variation of contamination, a small scale test is normally conducted at the eOx R&D facility to determine the optimum and most economical application.

DIRECTIONS FOR USE: General Cleaning

All materials must be thoroughly rinsed with water after cleaning.

SPECIFICATIONS

Appearance	Colorless
Specific weight at 20 ° C.	± 1,20
Usage Temperature	Not critical, 10 ° C. up to 90 ° C.
Storage Temperature	Frost free
Solubility in water	100 %
Flashpoint	None
pH (sol. 20 ml/l)	Approximately 12

SAFETY

When used un-diluted: For further information see Material Safety Data Sheet

PACKAGE

10 Ltr., 25 Lltr., 210 Ltr., 1,000 Ltr.

SHELL LIFE

4 years

STORAGE

Do not store under 35°F / 2°C and not above 122°F / 50°C Do not use below 35°F / 2°C.

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