



Produkt Information

#2398

Product information:

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

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

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 ETS 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.

Safety:

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

The Picture is Tank Piston Cleaning

Packaging:

25L, 210L 1000 L plastic jerry cans

Shelf 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.

Water Danger Class: 0



Before



After



By the way: All our products are available for the aviation , industrial and Military .. For more information, please contact ETS International Turkey Ltd.

IN ACCORDANCE WITH THE REACH-ENACTMENT (EG) -Nr. 1907/2006, art.31 appendix II

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