

# HEAVY DUTY CLEANER (HDC)

PART # 25676R1

## DESCRIPTION

**HEAVY DUTY CLEANER (HDC):** *HDC* is a blend of vegetable emulsifiers of the turpentine group, surfactants and sequestering agents. *HDC* is a universal cleaner for heavy contamination problems. *HDC* is highly biodegradable, environmentally friendly and smells of fresh citrus. *HDC* remains stable and does not emulsify when used with water and oil separators.

## APPLICATION:

*HDC* is a heavy duty cleaner. It is a water-based, dilutable, universal cleaner designed for heavy degreasing and cleaning. Cleaning applications include hydrocarbon residues, crude oils, asphalt, tar-like deposits, oil and grease. *HDC* is a highly effective agent for cleaning storage tanks, tank walls, tank wagons and trailers, heat exchangers, pipelines, floors, equipment, vehicles and machinery.

## APPLICATION: RINSING

- |                              |                    |
|------------------------------|--------------------|
| • Immersion Baths            | Pure down to 1:1   |
| • Circulating                | Pure down to 1:1   |
| • Steam Cleaning             | 1:20 down to 1:50  |
| • High-pressure Cleaning     | 1:50 down to 1:100 |
| • Hand or low-pressure Spray | Pure down to 1:1   |



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 by eOx to determine the optimum and most economical application.

## WORKING TIME

Depending upon the type and thickness of the contamination, the general cleaning time will be between 10 and 60 minutes. The removal of heavy hydrocarbon residues may require between 10 and 20 hrs. Using a sample of the contaminant, eOx will customize the optimum time required for circulation and determine the precise dilution and treatment temperature required to achieve maximum cleaning effect at minimal cost. After cleaning, the cleaned item is simply rinsed with water.

## ECONOMICS

Due to the exceptional cleaning capability of *HDC* using circulation cleaning, more than one cleaning batch can be simultaneously processed. *HDC* can be safely used on most metals and structural materials. In case of doubt, eOx will provide its clients with a laboratory conducted test prior to application.

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

**PACKAGE** 25 Litr., 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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