

# CARECLEAN DEGREASER HD

**Emulsifying cleaning agent with a high flash point for the removal of crude oil, bitumen, paraffin and similar substances by circulation method**

- Emulsifying cleaning agent based on aromatic solvents, anionic and nonionic surface active agents.
- Specific solvents with high boiling and flash points.
- Ideally suitable for the removal of crude oil, bitumen, paraffin and other high melting point stains.
- Can be used undiluted up to 80°C.
- Safe for use on most common metals, epoxy, polyurethane and zinc silicate coatings.

## **Application**

Heavily Contaminated Steam Boilers. Scale in steam boilers where heavy oil contamination is present, will not easily be removed by acid cleaners. In such cases, Careclean Degreaser HD is used first to remove oil and grease before the acid cleaner is applied.

## **Tanks**

Careclean Degreaser HD can be used to clean heavy oil, crude oil, bitumen, paraffin and other stains having a high melting point in which cases a high cleaning temperature is necessary.

## **Directions for use**

Cleaning of steam boilers

Fill the system with a 5% solution of Careclean Degreaser HD in water. Allow this emulsion to circulate for 12 - 24 hours at a maximum temperature of 90° C. After this operation, drain the cleaning liquid and rinse the system intensively with water.

## **Cleaning of tanks**

### **Prewash**

Before cleaning with Careclean Degreaser HD, it is recommended to pre-wash with hot water at approximately 50° C. For drying and semi-drying oils a pre-wash with cold water should be applied.

### **Recirculation method**

Careclean Degreaser HD is added to a mixing tank containing a quantity of water which amounts to 1% of the capacity of the tank to be cleaned. The water is heated by means of the heating coils in the tanks.

The tanks are washed by means of a loading pump, after which the solution used is recycled to the mixing tank. One solution is most often used to wash 2 - 3 tanks.

Careclean Degreaser HD must be circulated as a 2-6% emulsion. Allow this emulsion to circulate for 2 - 6 hours at a temperature ranging from 50 - 90° C.

For detailed instructions on tank cleaning, refer to the Marine Care Tank Cleaning Manual. A range of support equipment is also available.

### **Properties**

Light yellow colored neutral liquid. Emulsifiable with water. Non-corrosive on common metal.

Specific gravity (20° C)	: 0.99
Flash point PM CC	: 87°C
pH (1% solution)	: 7.0

*For detailed information on safety and health, please refer to Material Safety Data Sheet and / or Product label.*

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