

# FILTERCLEAN

Liquid Cleaning Agent for Removal of Partially Carbonized Oils Using Circulation Method

## Technical Information

### Physical Data

Appearance:	Light brown
Specific Gravity:	1.04
Flashpoint (PMCC):	62°C
pH (1% solution):	8.7

### Description

FILTERCLEAN is formulated based on a mixture of aliphatic and chlorinated aromatic hydrocarbons, along with anionic surface-active agents. It is designed for the removal of partially carbonized oils. Timely cleaning with FILTERCLEAN prevents the formation of coke-like adherents and is non-corrosive.

### Application

FILTERCLEAN is primarily used for cleaning permanently fixed oil coolers, oil pre-heaters, and metal-ceramic oil filters. These units tend to get regularly contaminated by particles in the oil and partially carbonized oils. Timely cleaning prevents the formation of difficult-to-remove coke-like adherents.

### Directions for Use

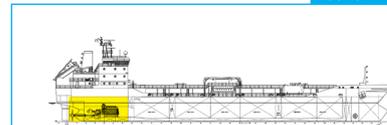
FILTERCLEAN is used undiluted at cleaning temperatures not exceeding 60°C. The cleaning effect is achieved by filling and/or circulating the product. Cleaning will take 8 to 24 hours, depending on the degree of contamination. It is recommended to conduct a test on plastics and rubber for potential chemical attack. The product may also have an adverse effect on paints and lacquers.

#### Circulation Method for In-Place Cleaning

See Diagram 1

- ▶ Generally FILTERCLEAN is used undiluted.
- ▶ Arrange to collect FILTERCLEAN at the bottom of the unit with a drain back to a drum.
- ▶ Circulate by pump and/or spray (airless spray or steady low-pressure flow - do not atomize) on deposits through access doors. A perforated pipe placed between tubes is effective for reaching normally inaccessible tubes.
- ▶ Thoroughly saturate deposits and allow them to stand for a minimum of one hour.
- ▶ Wash off with a high-pressure water hose and drain to a collecting tank.
- ▶ Dry with compressed air.

#### USAGE AREAS



Carbon Remover

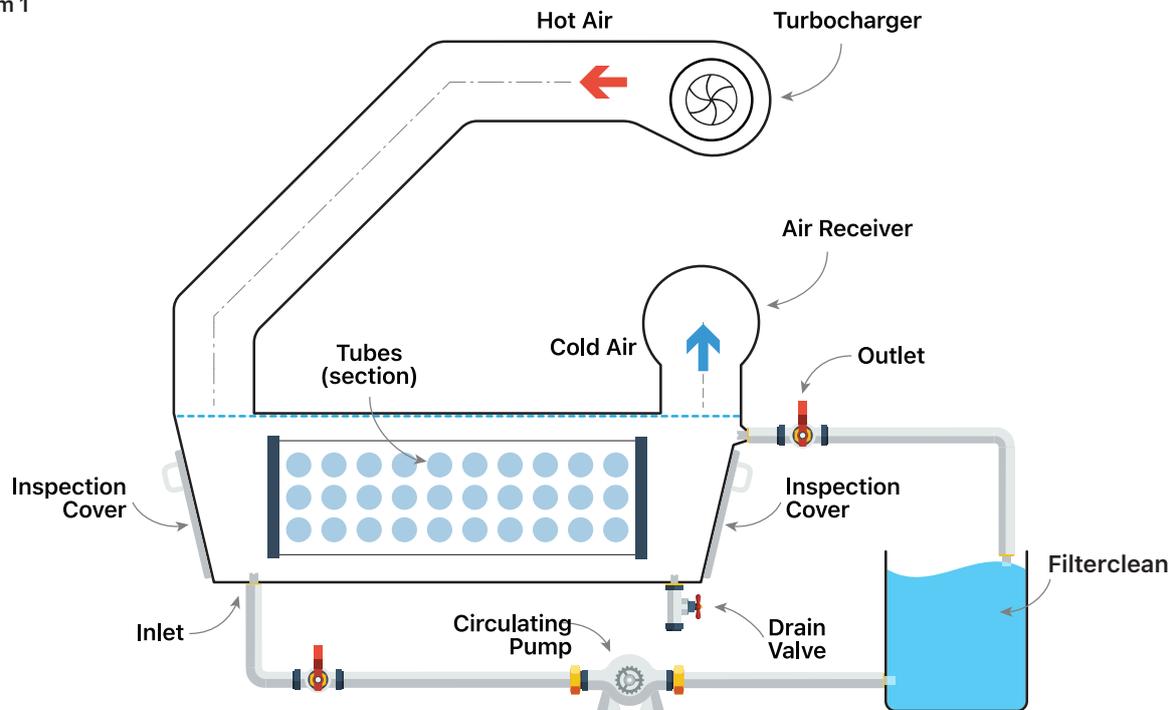
#### PACKAGING



# FILTERCLEAN

Liquid Cleaning Agent for Removal of Partially Carbonized Oils Using Circulation Method

Circulation Method for In-Place Cleaning  
Diagram 1



## Safety and Environment (HSE)

Uniservice Unisafe Srl have carefully developed their products to minimize the safety risks and environmental impact of using their products. However, Uniservice advises that, prior to using its products, users should read in detail the accompanying Safety Data Sheet and ensure that its products are applied within the required HSE regulations of the country in which the user operates. Best practice and safety requirements should be followed which will likely include method statements and risk assessments, together with any specific requirements of the user's own company HSE requirements.

data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by Uniservice Unisafe Srl hereunder are given gratis, and Uniservice Unisafe Srl assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk. Product images are for reference purposes only.

## Important Notice

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, this information is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you do a test to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs,

## Contact

For further information, please contact your local Uniservice Unisafe sales representative or get in touch with us:

**Uniservice Unisafe** SRL  
Marine Chemicals Division  
Via al S.N.S. della Guardia 58a  
Genoa 16162 Italy  
☎ (+39) 010 711 395  
☎ (+39) 010 713 120  
🌐 [www.uniservicemarine.com](http://www.uniservicemarine.com)