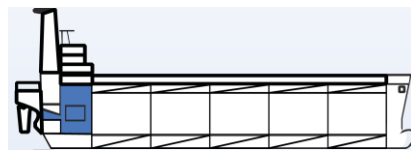


TANK CLEANERS



ATBC 2020 L

HEAVY-DUTY CLEANER AND DEGREASER FOR STUBBORN DEPOSITS OF HEAVY OIL, DRIED TARS AND BITUMEN

DESCRIPTION

ATBC 2020 L is a heavy-duty, concentrated, solvent-based tank cleaner, with excellent coal tar solubilizing and emulsifying cleaning properties. It comprises a blend of aromatic hydrocarbons and surface-active agents. It effectively removes coal tar, crude benzene, bitumen and similar residues.

ATBC 2020 L is an economical cleaner which can be used for cleaning heavily contaminated metal parts and tank walls. Thanks to its emulsifying action, after the addition of **ATBC 2020 L**, the water will stay at the top and separate from the cleaner and contaminants, which will sink to the bottom of the tank.

APPLICATION

ATBC 2020 L is used for the cleaning of tanks, heat exchangers, air coolers etc. from heavy tar and asphalt residues. It is excellent for spot cleaning of stubborn deposits as dried tars and bitumen on tank walls. **ATBC 2020 L** is highly concentrated, for a successful tank cleaning with less cleaning agent.

USE AND DOSING

Instructions are based on experience and are meant only as a guide since circumstances for each tank cleaning operation vary. They are not intended to interfere with the judgment of the vessel's responsible personnel.

Before Tank Cleaning: It is recommended to prewash the tanks with hot water. For drying or semi-drying oils, a prewash with cold water should be carried out immediately after discharge of cargo to prevent hardening of oil residues. After 1 cycle, slowly start to rise water temperature to increase effectiveness of the prewash. Remove any sediment by hand.

Re-circulation Method: Prepare cleaning solution using a 10% solution of **ATBC 2020 L** in hot water (100 litres per ton of water) in the tank to be cleaned. Using an automatic tank washing machine, recirculate for four to eight hours at 50°C. Heating coils in the tanks being cleaned may be used. The volume of the recirculating tank washing system should be carefully calculated to ensure that there is sufficient cleaning solution for continuous recirculation. Pump the solution into another tank. Rinse with fresh water and drain. For chloride-free cleaning, steaming with live steam is required.

Spot Cleaning: **ATBC 2020 L** is to be applied by spraying, brushing, mopping or soaking method on coal tar, dried tars and asphalt to be cleaned. Rinse after waiting at least 20 minutes after application for softening and solubilizing hard contaminants.

Soaking: Use undiluted **ATBC 2020 L** and immerse heavily soiled parts into an immersion bath. During cleaning, provide periodic agitation and keep the area well ventilated.

- ✓ Concentrated and cost effective, for machine and manual spraying and rock-and-roll cleaning procedures
- ✓ Quick penetration
- ✓ Reduces cleaning time
- ✓ Minimizes downtime
- ✓ Reduces manual cleaning
- ✓ Multipurpose for a wide range of applications
- ✓ Non – toxic and environmentally safe
- ✓ Composition conforming to MARPOL ANNEX V

PROBLEMS SOLVED

- ✓ Asphalt
- ✓ Dried Tars
- ✓ Coal Tar
- ✓ Bitumet
- ✓ Oil & Organic Deposits Cleaning
- ✓ Fuel Oils/Heavy Crude Oils
- ✓ Organic contamination Oils

APPLICATION AREAS

- ✓ Tank walls
- ✓ Heat exchangers
- ✓ Air coolers

PRODUCT CODE: MC 052

PRODUCT PROPERTIES

Suitable for use on most common metals. NOT to be used on rubbers (except Viton rubber) and plastics (except nylon, polypropylene, epoxy coating and polyurethane). It is recommended to test all cleaning chemicals on a small area of tank coating, before full scale application.

General Instructions: BE SURE TO HAVE ADEQUATE VENTILATION WHEN USING THIS PRODUCT. Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before and during use.

Appearance:	Liquid	pH (undiluted):	N/A
Type:	Organic based	Pour Point:	< - 15°C