

# GAS SIDE CLEANER

## 1. DESCRIPTION

- Rapid and complete removal of soot.
- Neutralizes acidic components.
- Reduces casing drain blockages.
- Maintains thermal efficiency of unit.
- Greatly reduces fire risk.

## 2. APPLICATIONS

**UNI AMERICAS GAS SIDE CLEANER LIQUID** is primarily intended for use in motor vessel exhaust gas heat recovery units of all designs. It can be used to clean fouled exhaust trunks. It is fully effective when used to wash down auxiliary and main boilers from the uptakes, through economizer's, generating tube banks, superheaters, membrane walls, water walls and furnaces. It contains an additive specifically to assist in removal of vanadium.

## 3. DIRECTIONS FOR USE

**UNI AMERICAS GAS SIDE CLEANER LIQUID** is sprayed on to the upper most point of the system, undiluted. It contains a "cling" agent and will run round tubes / fins and drain onto the next bank. A steady spray over the top area should be maintained until the complete unit is soaked. Very large systems may require spraying at different sections.

### Cleaning Procedure

- Check that casing drains to bilge are open and clear (as applicable).
- Open turbo charger casing drain to bilge (as applicable).
- Prepare spray equipment and connect **GAS SIDE CLEANER LIQUID** drum.
- Spray **GAS SIDE CLEANER LIQUID** starting from the highest points, ensuring that enough product is applied to allow thorough wetting of tubes / fins below and especially out of sight.
- Allow product to soak for 30-60 minutes.
- Using a fresh water jet, wash off deposits starting from highest point.
- Keep checking drains from casings etc. during wash down.
- Inspect system thoroughly, repeat if necessary.

## 4. OTHER INFORMATION

### WATER WASH SYSTEMS

**UNI AMERICAS GAS SIDE CLEANER LIQUID** provides a portable **ECONOMIZER WASH DOWN UNIT** for low and high pressure jetting of economizers etc. This is a complete pump, hose and lance system, which takes suction directly from the **GAS SIDE CLEANER LIQUID** drum.

Vessels with permanent semi or fully automatic water washing systems can have a **UNI AMERICAS PRE-WASH INJECTION UNIT** retrofitted. This can be custom built to give total control over the timing of the whole operation. Please contact **UNI AMERICAS** for further details.

**AN ALKALINE LIQUID FOR REMOVAL OF DEPOSIT FROM EXHAUST GAS ECONOMIZERS, WHEN WATER WASHING**

#### Product Highlights

- Rapid and complete removal of soot.
- Neutralizes acidic components.
- Reduces casing drain blockages.
- Maintains thermal efficiency of unit.
- Greatly reduces fire risk.

#### Product Characteristics

Appearance:	Clear liquid
Corrosive action:	None
Specific gravity:	1.3(20°C)
Flash Point:	None
pH:	11

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clean chemicals clean ships clean seas

