



FuelPower Soot Remover Liquid Plus

Newly formulated Unitor™ FuelPower Soot Remover Liquid Plus increases the cleaning / maintenance interval for your exhaust gas economizer / boiler from every 3 months to 12 – 15 months. Extensive yearlong trials on MV Tonsberg, a 76500 GRT Ro-Ro vessel propelled by MAN B&W 7 Cylinder L70 ME-C8, clearly showed tangible benefits of using our new treatment chemical. Benefits of the new Unitor™ FuelPower Soot Remover Liquid Plus include:

- Keeps EGB free of soot
- Increases cleaning interval to 12 – 15 months
- Prevents acid formation
- Prevents cold corrosion
- Reduces risk of soot fires
- Environmental friendly by reducing emission of soot particles
- Reduces the challenge of dealing the acidic wash water every 3 months
- No use of heavy metal compounds such as Copper Nitrate
- 24/7 support for your needs

Challenges with soot deposit

Operational

- Untreated fuel oil leads to frequent cleaning, every 2-3 months interval
- Using additional time, money and resources to carry out a cleaning job when vessel is in port, additional strain on resources
- Wear and tear of equipment / labour needed to carry out the cleaning

Environment

- Challenge in discharging away the dirty wash water. The wash water containing acidic soot cannot be disposed in sea water in port – requires additional waste management

Equipment

- Reduced efficiency as soot deposits are extremely insulating. Quick fact 1 mm layer of soot can reduce the efficiency of the exhaust gas boiler with up to 10%
- Soot fires resulting in overheating due to soot deposit
- Cold corrosion in case of slow steaming with low exhaust temperatures

Inherent challenges in industry

Low quality fuel

- Contaminants such as Vanadium, Sodium, Aluminium, Silica, Potassium and other metals cause incomplete combustion

Design of exhaust gas boiler

- Incorporates low velocity flue gas for higher efficiency however raising the challenges of higher soot deposit

Operational

- The reduction in exhaust gas temperature from modern engines and slow steaming practises also increase the tendency for deposit formation or cold corrosion in the exhaust gas boiler

Product details

Product	Product Number
FuelPower Soot Remover Liquid Plus – 25 ltr	778848
Automatic Dosing Unit	767926
Manual Dosing Unit	625194

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