

Product group: **650** Product number: **778848**

Unitor™ FuelPower™ Soot Remover Liquid Plus keeps exhaust gas boiler clean over time. Deposits and soot formed during combustion are kept from depositing in the EGB improving efficiency over time. Unitor™ FuelPower™ Soot Remover Liquid Plus works with HSFO the new VLSFO introduced through IMO 2020.



## Product information

This product supersedes product no: **624627**

If fire-scale is allowed to form on heat exchangers, the loss of efficiency can be directly related to extra fuel consumption. A 1 mm deposit is approximately equivalent to a 10% efficiency loss, a 3 mm deposit can reduce efficiency by up to 50%. The normal oxidation temperature of soot is around 600°C. Soot Remover Liquid Plus contain an organic catalyst with a high efficiency at lower temperatures. The oxidation temperature of Soot Remover Liquid Plus on the soot/fire-scale is as low as 170°C. The carbon deposits are thus oxidised, leaving an easily removable ash. The use of Unitor FuelPower Soot Remover Liquid Plus not only provides greater fuel efficiency, but also prevents acid formation in areas where severe corrosion could result in expensive damage in heat exchangers, superheaters, economisers, exhaust paths/stacks.

### Features

- For the prevention of soot and fire-scale deposits in diesel engine and boiler exhaust systems
- For reduction of cold-end corrosion where surface temperatures are lower than the dew point of the exhaust gases
- Improves soot blowing operations

### Benefits

- Increase the intervals between cleaning with up to 12 months minimizing down time and improving overall efficiency.
- Reduces the discharge of cleaning water to the sea
- Reduced cold-end corrosion in the exhaust gas boiler and reduces your need for maintenance
- Helps to keep exhaust gas system clean while slow steaming and will also reduce cold end corrosion

## Specification

### General

Invent Hazard Material (IMO/EU) classification	C-49
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### Physical properties

Appearance	Green
Density [kg/dm <sup>3</sup> ]	1,11 - 1,12
Flash Point [°C]	Not applicable
Form	Liquid
pH	

### Technical data

Solubility in water	100%
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## Documents

[SDoC and MD for IHM](#)

## Directions for use

### Dosage and control

Soot Remover Liquid Plus should be introduced to the boiler through a suitable port, preferably with an injector, ensuring that the liquid is spread through the flame path toward the back of the combustion chamber.

For Diesel engines, inject Soot Remover Liquid Plus directly into the exhaust system upstream of the area to be treated. Soot Remover Liquid Plus should be injected with the dosing equipment mentioned under Accessories.

Steam Raised (tons/hr)	Boiler fuel (tons/day)	Dose rate (Ltr/day)
<b>Boiler</b>		
3	5.5	1.0
6	11	2.0
9	16	3.0
12	21	3.5
15	27	4.0

Steam Raised (tons/hr)	Boiler fuel (tons/day)	Dose rate (Ltr/day)
23	41	4.5
31	55	5.0
46	82	5.5
62	110	6.5

Fuel Consumption (Tons/Day)	Dose Rate (Ltr/Day)
<b>Diesel Engines</b>	
10	1.5
20	3.0
30	3.5
40	4.0
50	4.5
60	5.0
70	5.0
80	5.7
90	5.7
100	6.1
100-125	6.4
125-150	7.0
150-200	7.7
200+	8.3

## Related products

### Accessories

734858  
AUTO SOOT TREATMENT UNIT/SINGLE EGB  
734861  
MANUAL SOOT TREATMENT DOSING UNIT/SINGLE EGB

### Is frequently bought together with

765018  
ENVIROCLEAN 25 LTR  
571752  
NATURAL HANDCLEANER 4X5 LTR  
698720  
AUTOTREAT - 25 LTR  
589945  
GAMAZYME BTC 12 X 1 LTR  
571356  
ROCOR NB LIQUID 25 LTR

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