

FUELPower SOOT REMOVER 25 KG

Product group: **650** Product number: **571240**

Unitor™ FuelPower™ Soot Remover will keep your boiler free from soot and ash deposits. It will remove deposits in the diesel engine exhaust system and keep it clean so intervals between cleaning can be extended.



Product information

If deposits are 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 ignition temperature of soot is around 600°C. This means that it is burned only in the hottest parts of the boiler or diesel exhaust systems. Due to the catalytic action of Unitor FuelPower Soot Remover, the ignition temperature of the soot/deposit is reduced to less than 280°C. The carbon deposits are thus ignited, leaving an easily removed ash.

The use of Unitor FuelPower Soot Remover not only provides greater fuel efficiency, but also prevents acid formation in areas where severe corrosion could result in expensive damage, i.e. heat exchangers, superheaters, economisers, exhaust paths/stacks.

Features

- Reduces cold-end corrosion
- Assists soot blowing
- Keep boiler clean from soot and deposits

Benefits

- Longer time between cleaning intervals
- Saves you money by improving heat transfer
- Saves you money by increasing boiler efficiency

Specification

General

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

Appearance	Blue green
Density [kg/dm³]	1,2 - 1,4
Flash Point [°C]	Not applicable
Form	Dry powder

Technical data

Not Compatible	If moist, may attack mild steel, iron and aluminium
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Documents

[SDoC and MD for IHM](#)

Directions for use

Dosage and control

FuelPower Soot Remover should be introduced to the boiler through a suitable port, preferably with a blower, ensuring that the

powder is spread through the flame path towards the back of the combustion chamber. For Diesel engines, inject FuelPower Soot Remover directly into the exhaust system upstream of the area to be treated. FuelPower Soot Remover is preferably dosed using Unitor's Fixed Injector, product No. 664 572073 and/or Portable Injector, product No. 664 572065.

Steam Raised (tons/hr)	Boiler fuel (tons/day)	Dose rate (kg/day)
Boiler		
3	5.5	1.0
6	11	2.0
9	16	3.0
12	21	3.5
15	27	4.0
23	41	4.5
31	55	5.0
46	82	5.5
62	110	6.5

Fuel Consumption (Tons/Day)	Dose Rate (Kg/Day)
Diesel Engines	
10	1.5
20	3.0
30	3.5
40	4.0
50	4.5

Related products

Accessories

572073 FIXED INJECTOR
572065 PORTABLE SOOT INJECTOR

Is frequently bought together with

571356 ROCOR NB LIQUID 25 LTR

572065 PORTABLE SOOT INJECTOR

571752 NATURAL HANDCLEANER 4X5 LTR
572073 FIXED INJECTOR
765018 ENVIROCLEAN 25 LTR

698720 AUTOTREAT - 25 LTR

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