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FUELPOWER SOOT REMOVER 25 KG

Product group: 650 Product number: 779115

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



Product information

If deposits are allowed to form on boiler 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 intervalls
- Saves you money by improving heat transfer
- Saves you money by increasing boiler efficiency

Specification

General

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

Appearance	Blue green
Density [kg/m3]	1,2 - 1,4
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](#)

[Soot Remover](#)

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. 572073 and/or Portable Injector, product No. 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

Steam Raised (tons/hr)	Boiler Fuel (tons/day)	Dose Rate (kg/day)
31	55	5.0
46	82	5.5
62	110	6.5

Related products

Accessories

572065
PORTABLE SOOT INJECTOR
572073
FIXED INJECTOR

Is frequently bought together with

673154
UNITOR EASYSHIP COMBINED TEST KIT
778848
FUELPOWER SOOT REMOVER LIQUID PLUS 25LTR
735748
UNITOR CATALYTIC FINES TEST KIT