

Fauch 400

Cleaning concentrate for oil-fired, boiler systems

Fuels contain sulphur and other constituents, which form incombustible layers on the boiler wall during combustion. Even an optimum, combustion setting does not prevent this formation of layers. Very slight deposits of soot (carbon) and sulphate cause the temperature of the flue gas to increase considerably. A 1 mm thick deposit of soot or sulphate increases the temperature of the flue gas by approximately 50 °C: this signifies an increased consumption of fuel.

Fauch 400

- serves to clean the oil-fired boiler on the firing side. It removes incombustible, sulphate layers unproblematically.
- avoids any susceptibility to corrosion and the reformation of layers after cleaning.
- is a liquid, sprayable, slightly alkaline, cleaning concentrate, which should be thinned according to the application. The concentrate has a pH value of 9 approximately, whereas the ready-to use solution's (diluted solution's) pH value is about 8.
- works according to a physio-chemical principle. Special surfactants enable the cleaning solution to penetrate into the porous deposits. Thermally decomposable salts attract the sulphate layers by their raising effect and lift most of them off from the substrate.
- The susceptibility to corrosion of metal surfaces is reduced. The adhesion of new layers is impeded.
- The salts that are contained in **Fauch 400**, decompose without any residue. No residues from the cleaning product are left sticking to the surface.



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Application

Dilute the **Fauch 400** concentrate in the ratio of 1:25. As a rule of thumb, mix 0.2 litre of **Fauch 400** concentrate with 5 litres of water. Diluting variations are possible. Switch off the burner. Allow the boiler water to cool down below 50 °C. Roughly remove any loose residues. Liberally spray the combustion chamber's walls with a spraying solution of **Fauch 400**. Allow the cleaning solution to take effect for 5 to 15 minutes. Switch on the burner and heat up the boiler to approximately 70 °C to 80 °C. Maintain it at this temperature for 5 minutes. Switch off the burner. The remaining residues on the boiler wall can be easily removed mechanically by using a boiler brush. Dust contamination is considerably reduced during the cleaning. Remove any residues that have fallen off via the cleaning opening, by using a (an industrial) vacuum cleaner.

Safety advice

Only use the applicator (**Fauch 400** hand-held unit) that is intended for use with **Fauch 400**. Do not spray the burner and electrical devices. Keep in a safe place that is inaccessible to children.

Container size

A 5 kg plastic canister.



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