

# Technical Information

## Fauch 400

### Cleaning concentrate for oil-operated 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.

#### Properties

- serves to clean the oil-fired boiler on the firing side. It removes incombustible, sulphate layers problem-free.
- works according to a physio-chemical principle.
- Susceptibility to corrosion of metal surfaces is reduced. Adhesion of new layers is impeded.
- No residues from the cleaning product are left sticking to the surface.

#### Technical data

Appearance	Odor	pH-Wert at 20°C	Density at 20°C	Water solubility
blue	amine	9	1,07 g/cm <sup>3</sup>	Completely soluble

#### 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

Do not spray the burner and electrical installations. Keep away from children.

#### Information

The maximum shelf-life in the originally sealed container is 12 months from the date of production. The product should be stored frost-free between 5-40°C. Empty containers can be disposed via our Interseroh System.

The Information given in this data sheet is based in the properties and possible uses known to us. In general, no legal liability can be derived from this data. We reserve the right to make changes to the product of these are necessary due to legislation or the lack of raw materials.