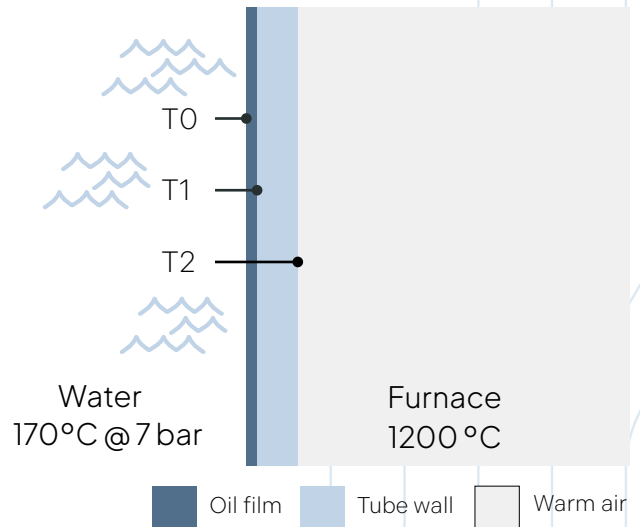


Contamination with oil

Contamination with oil will always lead to boiler failure if not cleaned out, as oil will cause the metal temperature to raise above the critical temperature even with limited oil film thickness.

An oilfilm of only 0,5 mm thickness reduces heat transfer rate with 40% - compared to limestone (carbonate) which needs a layer of ~ 7,0 mm for same reduction.

	No sediment	Oil-film 0,5 mm
T0 [°C]	----	178
T1 [°C]	184	590
T2 [°C]	256	633
Heat Transfer [kW /m ²]	137	82



Mechanical and chemical cleaning

Mechanical cleaning

With specialised equipment for cleaning fire tubes, our experienced technicians are able to clean smoke tubes and smoke spaces no matter whether it is a horizontal or vertical boiler.

Our equipment ensures an easy and effective cleaning procedure with minimal contamination of the airspace and the surrounding area. To protect from further contamination, we highly recommend a full boiler service to fix any problems regarding your boiler.

Chemical cleaning

Contamination is typically caused by oil leakage in your steam/water system or improper adjustment of your chemical dosing unit. Different chemicals are used in the cleaning procedure depending on your contamination.

Note! It is important to find the root cause of your contamination to better specify which treatment is best suited.

