

## NESS Fine filter stations

### Product overview and performance comparison

NESS Fine filter stations remove small particles from the thermal oil and reduce the Conradson Carbon Residue. They are available in **2 different versions**. The FF300 is designed for oil volumes up to 50,000 - 80,000 liters and the FF500 for up to 50,000 - 200,000 liters.



FF300 integrated in plant



FF500 in delivery state

Type	FF300	FF500
<b>Inlet pressure</b>	≥ 1 ≤ 7,5 bar on connection point	≥ 1 ≤ 7,5 bar on connection point
<b>Max. permissible operating pressure</b>	10 barg	10 barg
<b>Oil temperature on connection point</b>	≤ 300 °C or ≤ 350 °C	≤ 300 °C
<b>Thermal oil volume flow</b>	15 m <sup>3</sup> /h	60 m <sup>3</sup> /h
<b>Application for thermal oil systems</b>	Used oil < 50,000 l  Fresh oil < 80,000 l	Used oil ≥ 50,000 l < 150,000 l  Fresh oil ≥ 80,000 l < 200,000 l
<b>Recommended for</b>	Perfect for new systems and retrofitting	Perfect for new systems and retrofitting