

CASE STUDY

# Oil Mist

Customer Name: Engtex AB

Country: Sweden

Product: Two units Nederman Filtac OSF 6x3000

Key Benefit:

Clean air inside the workshop and clean exhausted air from the building

Future proof solution with respect to exhausted emissions

Long filter life



# Nederman

# Engtex choose Nederman to clean the air from oil mist

Engtex is a world leading manufacturer of warp knitted technical textiles such as personal protective equipment, for example chainsaw protective garments and trousers. Engtex also produces reinforcement fabrics with plastic coated materials such as synthetic roofing membrane, flexible doors, ventilation ducts, storage halls and tents.

## Challenges

Engtex AB built a new factory and decided to install efficient oil mist filters to clean the exhaust air from the stenter machines. The plasticizer in the textiles are leaving the machines as an organic oil vapor and other air pollution at high concentrations, causing exceptional heat loss and demanding filtration needs.

## Solution

Nederman presented the Filtac FibreDrain concept to Engtex and visited a similar installation/application. In order to recommend the most efficient filter combination, a test with a trial unit was performed. Two oil smoke filter systems, Nederman Filtac OSF 6x3000, were installed, including fans in sound boxes and control equipment.



Efficiency of the two main filters is described in the graphs below:

