

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Fuel-, Lubricating- and Hydraulic Oil Filters**

with type designation(s)

Fuel Treatment System FTS, Fuel Treatment System FTS, Fuel Treatment System FTS, Fuel Treatment System FTS, Fuel Treatment System FTS, Fuel Treatment System FTS

Issued to

**Filtration Group GmbH
Hamburg, Germany**

is found to comply with

**GL Rules for Classification and Construction I - Ship Technology Part 1 - Seagoing Ships
Chapter 2 - Machinery Installations****Application :****Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.**

Type:	Max. working temp.:	Max. working press.:	Sizes:
Fuel Treatment System FTS	60 °C	6 bar	FTS 600
Fuel Treatment System FTS	60 °C	6 bar	FTS 1200
Fuel Treatment System FTS	60 °C	6 bar	FTS 1800
Fuel Treatment System FTS	60 °C	6 bar	FTS 2400
Fuel Treatment System FTS	60 °C	6 bar	FTS 3000
Fuel Treatment System FTS	60 °C	6 bar	FTS 4500

Issued at **Hamburg** on **2018-01-31**This Certificate is valid until **2019-08-23**.for **DNV GL**DNV GL local station: **Hamburg**Approval Engineer: **Christian Kaemmer**

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Olaf Drews
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Job Id: **262.1-027216-1**
Certificate No: **TAP0000195**

Product description

Type	FTS 600	FTS 1200	FTS 1800	FTS 2400	FTS 3000	FTS 4500
Max. Flow Rate [l/h]	600 l/h	1200 l/h	1800 l/h	2400 l/h	3000 l/h	4500 l/h

Filter fineness: 0,005 mm
Beta rate: 75
Efficiency: 98,67 %
Water Separation 99,9975 %

Versions: (BMA) = Navy type, (W) = Bulkhead mounting

The fuel treatment plants of type FTS are approved for treatment of medium destilates such as Marine Diesel Oil (MDO) and Marine Gas Oil (MGO).

Approved for further standards:

MIL-F8901 / MIL-F 8508, TL 4330-01

Type Approval documentation