DNV·GL

Certificate No:
TAP0000130

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Fuel-, Lubricating- and Hydraulic Oil Filters

with type designation(s)
AF 73; AF 93; AF 113; AF 133; AF 153; AF 173

Issued to
Filtration Group GmbH
Oehringen, Germany

is found to comply with
GL Rules for Classification and Construction VI - Additional Rules and Guidelines Part 7 - Guidelines for the Performance of Type Approvals Chapter 8 - Test Requirements for Components and Systems of Mechanical Engineering and Offshore Technology

Application :

Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.
Max. working temp.: 170 °C
Max. working press.: 25 bar
Sizes:

Issued at **Hamburg** on **2017-08-24**
This Certificate is valid until **2020-07-20**.
DNV GL local station: **Augsburg**

Approval Engineer: **Christian Kaemmer**

for **DNV GL**

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.

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Job Id: **262.1-026095-1**
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Product description

Media:	Lubricating oils, liquid fuels, cooling lubricants, water
Casing/Lid:	EN-GJS-400-15 (GGG-40) 1.4581 (GX5CrNiMoNb19-11-2)
Gasket:	FKM and PTFE, depending on working temperature

Operation modes for cleaning and emptying:
Fully automatic- and semi automatic operation as well as operation with a manual ratchet.

The filters are approved and may be used on ships and other structures classed by DNV GL.
For applications in fuel and lubricating oil systems our Rules for Classification and Construction, Chpt. 2, Sec. 2.G and 11.G+H are to be observed.
Screwed socket connections with parallel and tapered threads are not permitted on filters conveying flammable media.
The use of the filters outside the range of application is subject to special consideration by DNV GL in each individual case. The installation, operating and maintenance instructions of the manufacturer are to be strictly adhered to. Upon completion each filter is to be presented at the manufacturer works to a Surveyor of this Society for final inspection, function-, tightness- and pressure test.

Type Approval documentation

Production place

Filtration Group GmbH
74613 Oehringen
Germany

Marking of product

Manufacturer`s Mark • Type • M.A.W.P.

End of certificate