

DEUTZ DIESELPOWER



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07 April 2015
Technical
Ceramic Pre Filter test

Good Day Andre

Deutz Dieselpower neither approves nor disapproves the use of any product manufactured, sold or specifically recommended by Deutz AG.

Deutz AG & Deutz Dieselpower are not in a position to evaluate the suitability or their potential effect of the many third party products available in the market. Use of any such product on a Deutz engine is at the discretion of the end-user or equipment owner who implemented the use of such product & any problems resulting from the use of the product will not be covered under the Deutz warranty.

Deutz Dieselpower **cannot guarantee** the operation of a third party product. A guarantee of the system must be obtained from the supplier.

The different Duo-Aqua Trap filters (**Depth Ceramic filter, Paper filter, Paper -Synthetic Depth filter, Synthetic Depth filter**) were tested on a Deutz F6L914 engine at low idle & at high idle. The following results were obtained.

Deutz will allow the use of the ICermax Duo-Aqua Trap filters on our engines without affecting the warranty, provided the system meets all our specifications (installation checked by product support engineer) and does not affect the normal operation of the engine in any way or interfere with any of our engine system or components. This includes the excessive reduction of fuel pressure, which is critical for the correct operation of the engine. Replacing of Deutz filter with a third party product is not allowed.

Please see below test results

	<u>Before Filter</u>	<u>After Filter</u>
<u>Paper Filter</u>		
Idle	2 Bar	1.9 Bar
High Idle	2.2 Bar	2 Bar
<u>Paper- Synthetic Depth filter</u>		
Idle	0.8 Bar	0.6 Bar
High Idle	1.2 Bar	1 Bar
<u>Depth Synthetic filter</u>		
Idle	2 Bar	1.8 Bar
High Idle	2.1 Bar	2 Bar
<u>Depth Ceramic Filter</u>		
Idle	1.6 Bar	1.5 Bar
High Idle	1.8 Bar	1.7 Bar

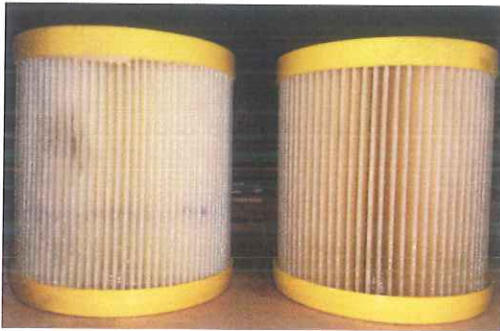


Figure 1

Paper Synthetic Depth filter & Paper filter

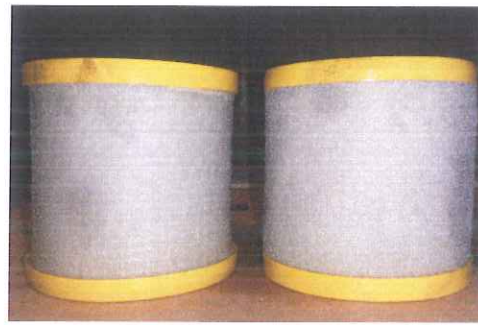


Figure 2

Depth Ceramic filter & Depth Synthetic filter



Figure 3

Duo-Aqua Trap Filter Housing

Best Regards

Jeanét Pelser
Customer Support Engineer

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Customer Support Manager