

V30-1927

X-REF 222 277 20 00

HYDRAULIC FILTER, AUTOMATIC TRANSMISSION

22101

TEST-CONDITIONS

Report No.	QA-TR-2014-051
Part No.	1010168710S
Part Name	Filter
Quantity	2
Test Date	2014.08.27
Test Item	Filter Function Test, Different Pressure versus Flow
Sample Type	Production
Judgement	Inspection

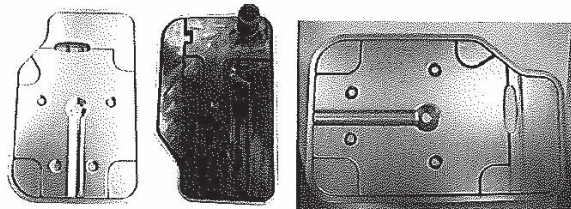


SPECIFICATION

A. Location	QA Laboratory
B. Test Condition	1. Test Fluid: 3S SPECIALTY DEXRON-III Viscosity @40 °C, cst: 33.74, Viscosity @100 °C, cst: 7.35 2. Filter Element Media: NON-Woven fabric media 3. Test temperature: 40/80/100/120 °C 4. Flow Rate: 3~9 (GPM)

C. Specification	1. SAE J2312 Surface Vehicle Standard 2. ASTM F1067
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D. Cause	Compare the Rate of Flow for OE with VAICO
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VAICO

OE

E. Procedure	According to THB-QA-0017_(High and low temperature flow test system operating instructions)
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F. Result

1. Test Data

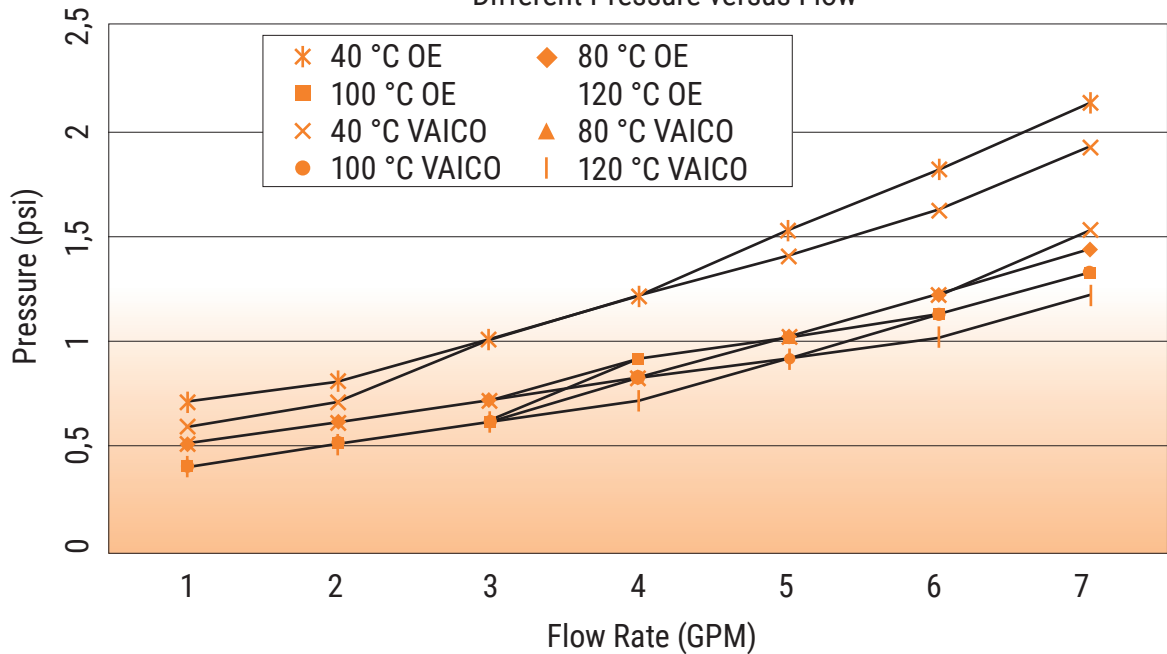
Flow Rate versus Pressure

Units: psi

Temperatur Flow Rate (GPM)	3	4	5	6	7	8	9
40 °C OE	0,7	0,8	1,0	1,2	1,5	1,8	2,1
80 °C OE	0,5	0,6	0,7	0,9	1,0	1,2	1,4
100 °C OE	0,4	0,5	0,6	0,9	1,0	1,1	1,3
120 °C OE	0,4	0,5	0,6	0,8	0,9	1,1	1,3
40 °C VAICO	0,6	0,7	1,0	1,2	1,4	1,6	1,9
80 °C VAICO	0,5	0,6	0,7	0,8	1,0	1,2	1,5
100 °C VAICO	0,4	0,5	0,6	0,8	0,6	1,1	1,3
120 °C VAICO	0,4		0,3		0,9	1,0	1,2

2. Test Curve

Different Pressure versus Flow



3. Summary: There is no any block when the testing process and the rate of flow cloud up to 9 GPM. As the result, VAICO performance is close with OE.

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