



Industrie Service

Certificate No. **VR2 – 1907 – 159 EU**

The TÜV SÜD Industrie Service GmbH, test body for vapor recovery systems,
Westendstr. 199, D-80686 Munich,



certifies having conducted tests according to EN 16321-1
on the following petrol vapour recovery system:

Type of system:	Active, distributed system with electronic proportional valve
Nozzle:	OPW 21
Hose assembly:	ELAFLEX Slimline 21/8
Proportional valve:	Veeder-Root EPV 10
Control board	Gilbarco Veeder-Root VRC 390
Vapour recovery pump:	Dürr MEX 0544

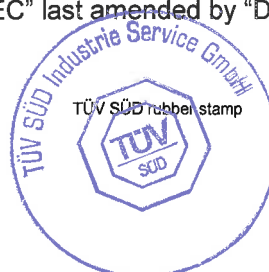
Conditions for installation and operation:
Requirements to ensure system performance in use

Maximum volumetric fuel-flow rate:	38 l/min	
Maximum back pressure in petrol vapour pump outlet line with maximum vapour flow:	50 mbar	
Correction factor for system settings with simulated petrol-flow of 38 l/min.:	1,12	
Measured efficiency:	89 %	
<i>Required efficiency by Directive 2009/126/EC</i>	85 %	
Average result of each test tank:		
VW Golf VI: 86,5 %	VW Polo V: 88,2 %	Renault Megane 3: 91,7 %

Based on ID: "Efficiency 1907 OPW Type 21", "System 1907 - 159 EU"
The vapour recovery system corresponds to the state of the art as defined in the
"Directive 2009/126/EC" last amended by "Directive 2014/99/EU".

Germany, Munich, 18/11/2019

Valid for Installation until
17/11/2021



Test Body for Vapor Recovery Systems

Peter Szalata
Peter Szalata