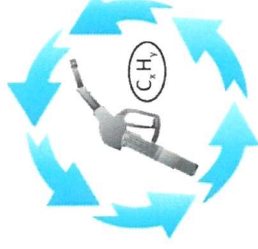


## Certificate No. VR2 – 1505 – 115 EU

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



Industrie Service



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

Type of system: **Active, centralised, self-calibrating system with electronic controlled valves**

Nozzle: **ELAFLEX ZVA Slimline 3 GR / Slimline 2 GR / ZVA 200 GR**

Hose assembly: **EL ELAFLEX Slimline 21/8 / ELAFLEX Conti Slimline 21/8**

Proportional valves: **Bürkert 6022 / 2832**

Control board **TST, VC Plus** coaction with TST Flow Sensor VFS

Vapour recovery pump: **TST, SG 0008**

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

Maximum volume of the VRL1 operating in under pressure:  
Minimum diameter of the VRL:

**2 l**  
**1/4" / DN 10**

Maximum no. of simultaneous operating fuelling points under compliance of a vapour recovery rate of 95% – 105 %:

**2**

Maximum volumetric fuel-flow rate:

**40 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.:  
Remark: self-calibrating system

**Not necessary**

Measured efficiency:

**89 %**

Required efficiency by Directive 2009/126/EC:

**85 %**

Average result of each test tank:

**VW Golf VI: 88,4 %**

**VW Polo V: 88,2 %**

**Renault Megane 3: 90,9 %**

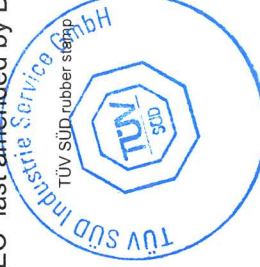
Based on ID: "Efficiency 1401 Slimline 2", "System 1505-115 EU"  
The vapour recovery system corresponds to the state of the art as defined in the  
"Directive 2009/126/EC" last amended by Directive 2014/99/EU".

Germany, Munich, 06/09/2022

Test Body for Vapor Recovery Systems

Valid for installation until  
05/09/2027

Peter Szalata



*Peter Szalata*