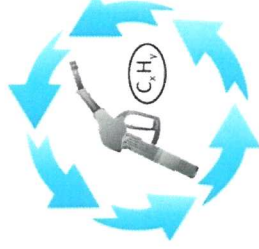


Certificate No. **VR2 – 1505 – 114 EU**

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: **ELAFLEX Slimline 21/8 / ELAFLEX Conti Slimline 21/8**

Proportional valve: **ASCO, EMXX**

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 underpressure:
Minimum diameter of the VRL:

21
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
50 mbar

Maximum back pressure in petrol vapour pump outlet line with maximum vapour flow:

Correction factor for system settings with simulated petrol-flow of 38 l/min.:
Remark: self-calibrating system

Not
necessary

Measured efficiency:

89 %
85 %

Required efficiency by Directive 2009/126/EC:

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 1505-114 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