ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Certificate No. **VR2 – 1505– 116 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, distributed system with electronic proportional valve and self calibrating function***
Nozzle:	**ELAFLEX ZVA SLIMLINE 2 GR**
Hose assembly:	**ELAFLEX Slimline 21/8 Coax**
Proportional valve:	**ASCO EMXX**
Control board	**TST - VC Plus** coaction with TST Flow Sensor VFS
Vapour recovery pump:	**Gardner Denver Thomas 8014-5.0, 8014-6.0**

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

Maximum volumetric fuel-flow rate:		**45** 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	**k**	**Not necessary**
Measured efficiency; *Required efficiency by Directive 2009/126//EC:*		**89 %** *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 1505-116 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, 14/02/2017

Expiration date 13/02/2019

TÜV SÜD rubber stamp

Test Body for Vapor Recovery Systems

Peter Szalata

TÜV®