

**Crypton - Digital Diesel Smoke Meter - Test Results****DIESELTUNE****Veh. Reg. Number:****Date:** 8/7/2013**Vehicle Make:****Time:** 12:01**Vehicle Model:****Engine Size (cc):****VIN:***Crypton Dieseltune - Diesel MOT / DOT Smoke Test - VOSA approved program - Version 1.1.11.0***MOT/DOT Smoke Test Type - Turbo****Oil temperature readings [°C]**

Live = --- Engine Temperature Taken = 90 [°C]

Min. = 60 [°C]

**Max. Smoke Peak detected [m<sup>-1</sup>]**1 Test = 3.20 [m<sup>-1</sup>]2 Test = 3.55 [m<sup>-1</sup>]3 Test = 2.96 [m<sup>-1</sup>]4 Test = 3.23 [m<sup>-1</sup>]5 Test = 3.19 [m<sup>-1</sup>]6 Test = 2.48 [m<sup>-1</sup>]Average = **2.97****Equipment Calibration Selftest:**Auto Zero Shift = 0.00 - **PASSED**

Max. Allowed = 0.15

**MOT / DOT Test Final Result [m<sup>-1</sup>]:**Turbo = 2.97 [m<sup>-1</sup>] **PASSED**

Hartridge Smoke Units = 72% HSU

Max. Allowed = 3.00 [m<sup>-1</sup>]**Inspector ID:****Signature:** \_\_\_\_\_**Vehicle Test Station Name:**

Crypton Diagnostic Equipment

**Vehicle Test Station Address:**

17 Bryant Road

Illiondale, Edenvale

Gauteng

Tel: 011 452 9062

**VTSNo: 1****Public Notes:** RPC = Reduced Pollution Certificate, Fast Pass = Vehicle passed the test first time with readings below 1.50[m<sup>-1</sup>]Limits in K[m<sup>-1</sup>]: RPC1=0.20, RPC2=0.40, RPC3=0.80, RPC4=1.00, Non-Turbo=2.50, Turbo=3.00 All regardless of vehicle class or typeK[m<sup>-1</sup>] = coefficient of light absorption m<sup>-1</sup> (World Standard), (HSU = Hartridge Smoke Units in %) (SA Standard - old)Short Conversion Table: 1.00 K[m<sup>-1</sup>]=35% HSU, 1.50 K[m<sup>-1</sup>]=47.5% HSU, 2.50 K[m<sup>-1</sup>]=65.5% HSU, 3.00 K[m<sup>-1</sup>]=72.5% HSU

Diesel Smoke Analysis - www.crypton.co.za &gt;In Tune With The Future&lt;