

**Crypton - Digital Diesel Smoke Meter - Test Results****DIESELTUNE**

**Veh. Reg. Number:** ABC123GP  
**Vehicle Make:** IVECO  
**Vehicle Model:** EuroCargo  
**Engine Size (cc):** 4.2L  
**VIN:** 123456789

**Date:** 6/7/2013  
**Time:** 13:42

*Crypton Dieseltune - Diesel MOT / DOT Smoke Test - VOSA approved program - Version 1.1.11.0*

**MOT/DOT Smoke Test Type - Fast Pass****Oil temperature readings [°C]**

Live = --- Engine Temperature Taken = 89 [°C]

Min. = 60 [°C]

**Max. Smoke Peak detected [m<sup>-1</sup>]**

1 Test = 0.93 [m<sup>-1</sup>]

Average = **0.93**

**Equipment Calibration Selftest:**

Auto Zero Shift = 0.00 - **PASSED**

Max. Allowed = 0.10

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

Fast Pass = 0.93 [m<sup>-1</sup>] **PASSED**

Hartridge Smoke Units = 33% HSU

Max. Allowed = 1.50 [m<sup>-1</sup>]

**Inspector ID:** Daniel

**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 type

K[m<sup>-1</sup>] = coefficient of light absorption m-1 (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

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