



CEC Official Test Diesel & Gasoline



CEC – The Co-ordinating European Council.

CEC develops procedures to test performances of fuels, lubricants and other fluids. This is the European organization considered as an international reference and agreed by more than fifty car manufacturer, gas companies and oil producers.

1) Diesel engines:

For Diesel engines, procedure CEC F-23-A-01 controls the formation of deposits on the injector nozzles of an indirect injection diesel engine (PSA Peugeot XUD9 – A/L 4 cylinders – 1.9 l).

These two consecutive tests have been performed by the English laboratory **Prodrive** on July 17 and 18, 2005 under control of Garry Polkinghorne.

Nozzle cocking level must be comprised between 85% and 95% to be officially recognized by the companies mentioned in page two: **Xbee** enzyme technology makes the fuel at 92% and 91% respectively within only 10 hours.

2) Gasoline engines:

For Gasoline engines, procedure CEC F-05-A-93 evaluates the formation of carbon deposits on the intake valves of an injection gasoline engine (Mercedes-Benz M102.982 – 4 cylinders – 4 strokes – 2.3 l), equipped with Bosch KE-Jetronic fuel injection equipment.

As the first test, this one has been performed by the English laboratory **Prodrive** on July 22, 2005 under the same control.

Inlet valve deposits level must be comprised between 4.5 (extremely heavy) and 10 (clean) to be officially recognized by the below mentioned professional associations: **Xbee** enzyme technology makes the fuel at 8.07 in only 60 hours, i.e. 287 mg in average (lowest at 215 mg) against 314.25 mg for the same fuel in the same engine without **Xbee**.

XUD-9 Nozzle Coking Test
Test procedure : CEC F-23-A-01 Issue 13
Test Number : XBKI/D001
Client : Xbee
Fuel Code : RF93T095
Additive Code : Xbee
Treat Rate : 4000:1 by volume
Test Complete Date : 17-Jul-05



ACEA
Association des Constructeurs
Européens Automobiles



Association Technique de
l'Industrie Européenne des
Lubrifiants



Additives Technical Committee



CONservation of Clean Air
and Water in Europe

www.acea.be

www.atiel.org

www.atc-europe.org

www.atc-europe.org

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The following pictures are screen shots of the **ACEA** and **Atiel** web sites.

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Full CO2 Ticker

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