



www.cectests.org



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.

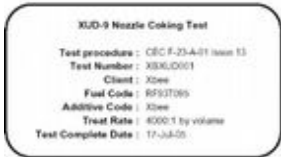
Nozzle cocking level must be comprised between 85% and 95% to be officially recognized by the companies mentioned in page two: **Xbee** enzyme technology makes the fuel at 92% and 91% respectively within only 10 hours.

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**.



www.acea.be


www.atiel.org

www.atc-europe.org

www.atc-europe.org

Prodrive

Garry Polkinghorne
Tanners Drive
Milton Keynes
UK-Buckinghamshire MK14 5BN

 +44 (0) 190 851 3000

 gpolkinghorn@prodrive.com

 <http://www.prodrive.com>

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



ACEA
EUROPEAN AUTOMOBILE MANUFACTURERS' ASSOCIATION



HOME | PRESS ROOM | STATISTICS | PUBLICATIONS | EVENTS | ABOUT US | CONTACT US

search article SEARCH

MENU

- CO2 EMISSIONS
- ENVIRONMENTAL TRACK RECORD
- ROAD SAFETY
- COMPETITIVENESS
- INDUSTRY AND ECONOMY
- REGULATION AND STANDARDS
- TAXATION
- TRADE
- INTELLECTUAL PROPERTY
- RESEARCH AND DEVELOPMENT
- FUELS
- ECO-DRIVING
- REACH
- TRANSPORT AND MOBILITY
- TRUCKS, VANS AND BUSES
- ACEA MEMBERS
- COUNTRY PROFILES
- EUCAR WEBSITE

THE AUTOMOTIVE INDUSTRY: A MOST IMPORTANT EMPLOYER

European Commission President Barroso highlights the importance of the car industry as one of the most important employers on the continent.

- » Industry Report 07/08
- » NEW ACEA pocket guide & key figures 2008



FALL-OUT OF FINANCIAL CRISIS ADDS TO PRESSURE ON AUTO INDUSTRY
14/10/2008 - A deepening global slowdown along with gloomy growth prospects and tumbling consumer confidence

TECHNOLOGY LEADER

Members | log in | Site map | Contact Us | Home

TOP ISSUES

- » CARS 21 -- better regulation for increased competitiveness
- » ECO-DRIVING -- or how drivers can make a difference

OUR MEMBERS

BMW Group



DAIMLER











TOYOTA

VOLKSWAGEN
INTERGROUP

VOLVO

REDUCING CO2 EMISSIONS -- LATEST NEWS

- » 18/11/2008 Challenge for advertising standards
- » 29/10/2008 Supportive framework is paving the way for manufacturing in Europe
- » 14/10/2008 Fall-out of financial crisis adds to pressure on auto industry
- » 08/10/2008 Common goals of improving environmental performance from a global perspective

[Full CO2 Ticker](#)



About Us | Contact Us | Code of Practice | News & Information | List of Members | Links

FOCUS: ENVIRONMENT



Cars, Trucks and the Environment

Using limited resources responsibly and protecting our environment: European automobile manufacturers have an important role to play.

- » Environmental dossier
- » Environment info cards

LATEST PRESS RELEASES

- » 18/11/2008 Challenge for advertising standards
- » 14/11/2008 PASSENGER CARS: Registration
- » 04/11/2008 New EU member states progress towards improving environmental protection
- » 03/11/2008 Free trade agreement with mutual benefit and fair market access

[more entries](#)

FOCUS: ROAD SAFETY

Partners in eSafety Aware

A lack of awareness hinders "eSafety" in Europe.



Auto industry harmonises regulations

The European Commission proposes a new safety principle to clear up confusion. Commission published on 23 May, will achieve that goal.

- » eSafety Aware website
- » Joining efforts with eCall
- » Progress made with ESC

LATEST WEBSITE UPDATES

- » 29/10/2008 What is CARS 21 and why is it important?
- » 14/10/2008 Fall-out of financial crisis adds to pressure on auto industry
- » 22/07/2008 Directive recognises importance of making roads safer
- » 07/07/2008 ACEA Competitiveness Award 2008 for graduate Klara Wittkowski

[more entries](#)

List of Members

The ATIEL membership encompasses all major European oil companies, with their extensive experience in the manufacture and marketing of engine oils.

	BPCastrol
	CEPSA
	Chevron
	ENI
	ExxonMobil
	Neste Oil
	Fuchs
	GALP
	Kuwait Petroleum
	ORLEN
	LUKOIL
	REPSOL
	Shell
	Statoil Lubricants
	Total
	Union Industrielle de l'Industrie Européenne des Lubrifiants
	Valvoline

Copyright © 2008 Association Technique de L'Industrie Européenne des Lubrifiants, BE02 Management on June 15.

CO2 CALCULATOR

How much does your car emit?



Data in many languages.