

## **Dekra-Veritas Pollution**

---

Dekra-Veritas is the result of the merger of Dekra SA and Veritas Auto SA in 1994. It is the leader of vehicle inspection in France with 1,500 control centres and 2,300 accredited technical controllers.

Dekra-Veritas France also offers a diversified activity centered on management of quality and formation.

In one of its control centres, Dekra-Veritas carried out tests on pollution on several vehicles. The effects of ASTA 3000 Treatment Engine are considerable.





## INTRODUCTION

---

These tests were carried out in a Veritas control centre **on vehicles at least 4 years old.**

- ⇒ with between **40,000 and 250,000 km**
- ⇒ of which roughly **50% were fleet vehicles**  
**50% were privately owned**
- ⇒ fuel used **diesel and gasoline**

## RESULTS

---

- ⇒ **Diesel engines:** fall in particle emissions (opacity) up to -81% for an engine with 218,725 km.
- ⇒ **Gasoline engines:** fall in unburned hydrocarbon (HC) emissions up to -56% for an engine with 94,965 km.

**It was observed that after the application of the treatment and without intervening in any other way, the emissions of the tested vehicles improved so much that they complied with emission standard, or were even below it.**

## CONCLUSION

---

The **significant observed reduction in emissions** indicates an improvement in the **stoichiometric ratio of about 20%.**

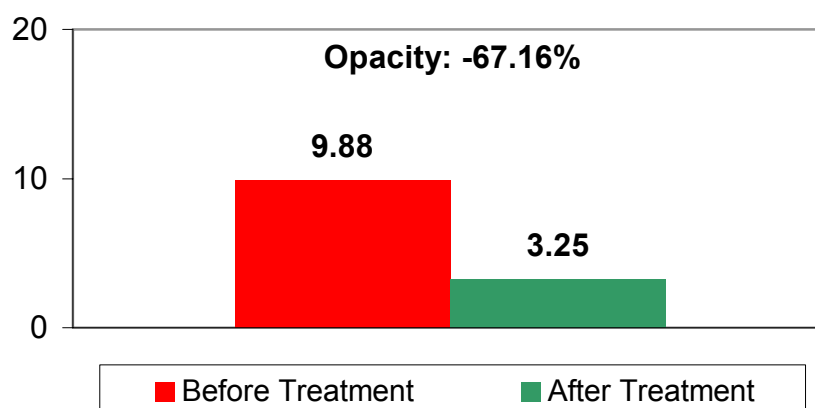
There was an improvement in combustion efficiency of the same order, reflected by a **fall in fuel consumption.**



## OPEL ASTRA Diesel

Registration: 18/7/1996  
Mileage: 41,453

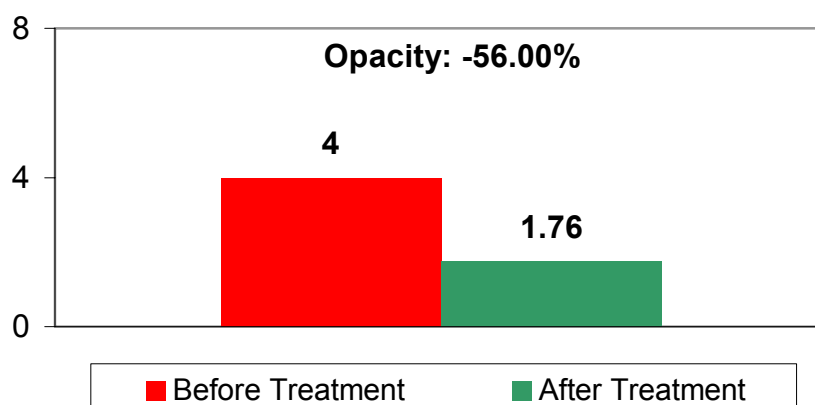
	Before ASTA 3000 Engine Treatment			After ASTA 3000 Engine Treatment			Results
	Test 1	Test 2	Average	Test 1	Test 2	Average	
<b>Opacity</b>	9.99	9.77	9.88	3.31	3.18	3.25	<b>- 67.16 %</b>



## VOLKSWAGEN GOLF Diesel

Registration: 16/7/1996  
Mileage: 43,824

	Before ASTA 3000 Engine Treatment			After ASTA 3000 Engine Treatment			Results
	Test 1	Test 2	Average	Test 1	Test 2	Average	
<b>Opacity</b>	4.26	3.75	4	1.91	1.60	1.76	<b>- 56.00 %</b>

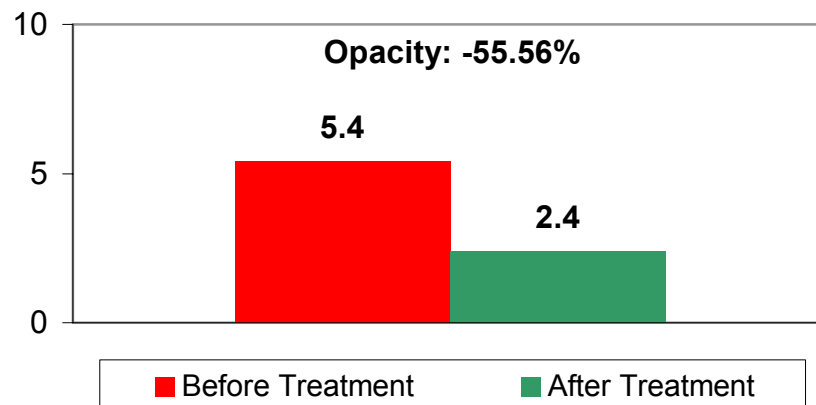




## RENAULT 19 Diesel

Registration: 18/7/1996  
Mileage: 114,654

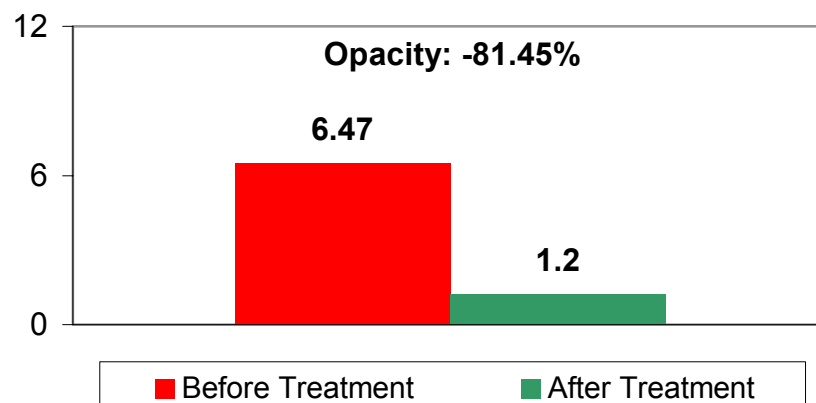
	Before ASTA 3000 Engine Treatment			After ASTA 3000 Engine Treatment			
	Test 1	Test 2	Average	Test 1	Test 2	Average	Results
<b>Opacity</b>	5.65	5.15	5.40	2.41	2.4	2.40	<b>- 55.56 %</b>



## CITROEN VISA Diesel

Registration: 16/7/1996  
Mileage: 218,725

	Before ASTA 3000 Engine Treatment			After ASTA 3000 Engine Treatment			
	Test 1	Test 2	Average	Test 1	Test 2	Average	Results
<b>Opacity</b>	6.62	6.32	6.47	1.18	1.21	1.20	<b>- 81.45 %</b>

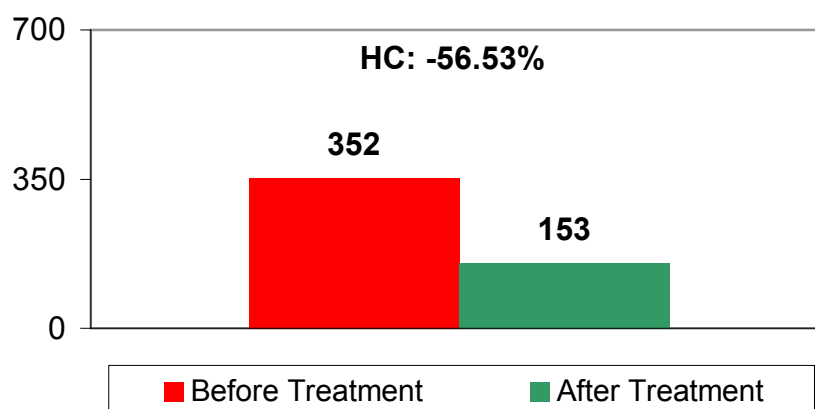




## FIAT UNO Gasoline

Registration: 16/7/1996  
Mileage: 94,965

	Before ASTA 3000 Engine Treatment	After ASTA 3000 Engine Treatment	Results
HC	352	153	- 56.53 %



IDENTIFICATION DE L'INSTALLATION DE CONTRÔLE	
N° D'AGRÉMENT	5004V007
NOM DU CENTRE	AUTO BILAN SISTERONNAIS 72 AVENUE JEAN JAURES
ADRESSE	04200 SISTERON Téléphone : 92 61 26 50
IDENTITÉ DU CONTRÔLEUR	
004V0007 RASPAIL JEAN JACQUES	
CACHET DU CENTRE	VISA DU CONTRÔLEUR
AUTO BILAN SISTERONNAIS Agrément Centre N° 5004V007 72, Avenue Jean-Jaurès 04200 SISTERON - Tél. 02 61 26 50 Siret : 364 732 491 00012	