

**Intertek** Caleb Brett

**Intertek** Analyses Chalon

The international web of 210 **Intertek Caleb Brett** laboratories serves its customers in more than 118 countries worldwide. Its field of activity consisting in inspection, certification, calibration and other several services for industrial purpose.



**Intertek Analyses Chalon** realized some tests on the beginning of 2006 to demonstrate the efficiency of the **Xbee** enzyme biotechnology to eliminate the contamination in a heavily polluted road diesel fuel.

Method: IP 385/99, Energy Institute (EI) international norm, ex-Institute of Petroleum (IP). This consists in counting the number of viable bacteria, yeast and mold.

D Day: Just after **Xbee** addition.  
 D Day + 15 : After 15 days with **Xbee** concentrations (4000:1 and 500:1).  
 D Day + 60 : After 60 days with **Xbee** concentrations (4000:1 and 500:1).

Results in CFU.

*CFU: Colony forming Unit (one viable germ leads to the formation of one colony).*

Certification



[www.afaq.org](http://www.afaq.org)

ISO 9001:2000



[www.iso.org](http://www.iso.org)

Accreditation



[www.cofrac.fr](http://www.cofrac.fr)

(Program 73 and 74)  
NF EN ISO/CEI 17025

	Bactéria		
	D Day	D Day + 15	D Day + 60

Gazole Xbee 1:4000	1,5.10 <sup>8</sup> (150 000 000)	2,6.10 <sup>7</sup> (26 000 000)	3,4.10 <sup>6</sup> (34 000)
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Gazole Xbee 1:500	1,5.10 <sup>8</sup> (150 000 000)	2,2.10 <sup>7</sup> (22 000 000)	3,3.10 <sup>6</sup> (33 000)
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	Yeast		
	D Day	D Day + 15	D Day + 60

Gazole Xbee 1:4000	1,0.10 <sup>6</sup> (1 000 000)	1,0.10 <sup>6</sup> (1 000 000)	4,0.10 <sup>4</sup> (40 000)
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Gazole Xbee 1:500	1,0.10 <sup>6</sup> (1 000 000)	5,0.10 <sup>5</sup> (500 000)	4,0.10 <sup>3</sup> (4 000)
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	Mold		
	D Day	D Day + 15	D Day + 60

Gazole Xbee 1:4000	1,4.10 <sup>7</sup> (14 000 000)	2,7.10 <sup>7</sup> (27 000 000)	2,0.10 <sup>4</sup> (20 000)
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Gazole Xbee 1:500	1,4.10 <sup>7</sup> (14 000 000)	1,5.10 <sup>7</sup> (15 000 000)	4,0.10 <sup>4</sup> (40 000)
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