



# XSNano Fuel Saving Additive

## CATALOG

Lubrication Solutions P/L - Australian Agent for XSNano  
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**PKU BONUS SCIENCE CENTER.**  
**XUNSN ENERGY TECHNOLOGY CO.,LTD.**

# Introduction



- **PKU BONUS SCIENCE CENTER.** With 11 Scientists . The Chief Scientist is Dr. Lee.  
Dr.Lee : Received his second Doctor degree in United States;  
Worked in NASA of America , after Dr. degree graduation;  
Back to China, for Perking University (PKU) Professor;  
Now, Physical chemistry Professor in PKU  
Liquid Nano-technology Chief Scientist in C.A.S.  
( C.A.S. : Chinese Academy of Sciences )  
The Chief Scientist in BONUS .
- **BEIJING BONUS TECHNOLOGY CORP.** Which is our main factory, produces Nano fuel saving additive and Nano Lubricant oil Additive.
- **XUNSN ENERGY TECHNOLOGY CO.,LTD.** It is our second factory and exporting company for Nano products, Which is invested by Bonus Corp. and Xunsn International Group.
- **NANOPETROL S.L.** which is our good partner for Spain and South American markets.

# Technical Features

## ***XSNano Fuel Saving Additive:***

- It is developed with Liquid Nano- technology ;
- It is the a super-concentrated environmentally multi-functional;
- It is “all-in-one” power booster, fuel saver, emissions reducer, engine protector and combustion chamber deposit cleaner;
- It is the latest generation of streamlined fuel additive in the world.



# Nano Products

## ***XSNano Fuel Saving Additive: NFA - 288***

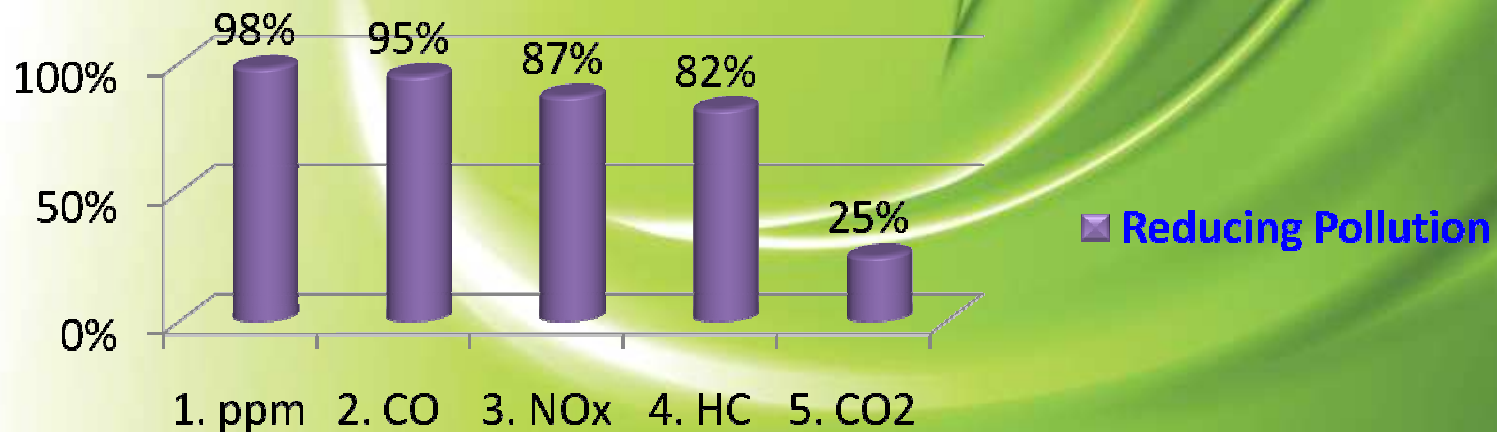
- Nano Gasoline saving Additive: **NGA-288**, with 50ml/bottle, 1liter/drum, 4Liter/drum
- Nano Diesel saving Additive: **NDA-288**, with 50ml/bottle, 1liter/drum, 4Liter/drum
- Nano Heavy oil saving Additive: **NHA-259**, with 4Liter/drum



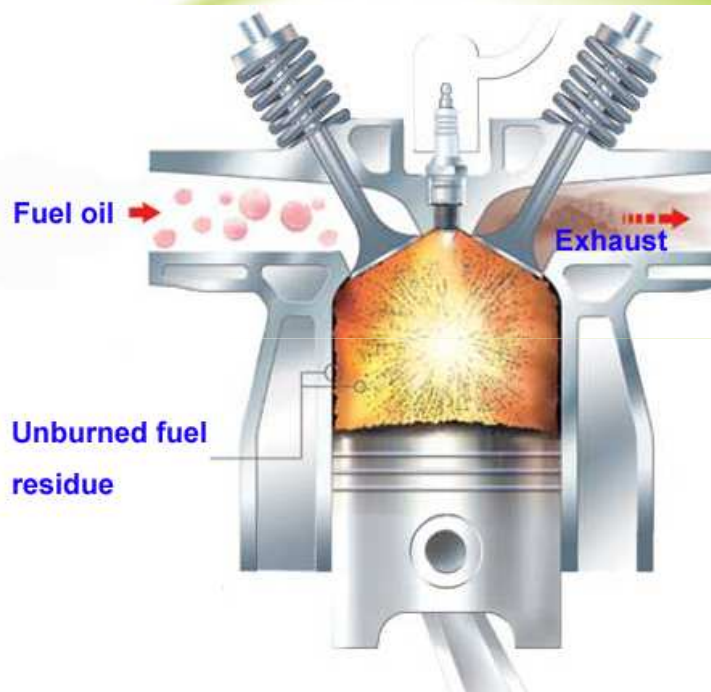
# Nano Efficacy

## ***XSNano Fuel Saving Additive: NFA - 288***

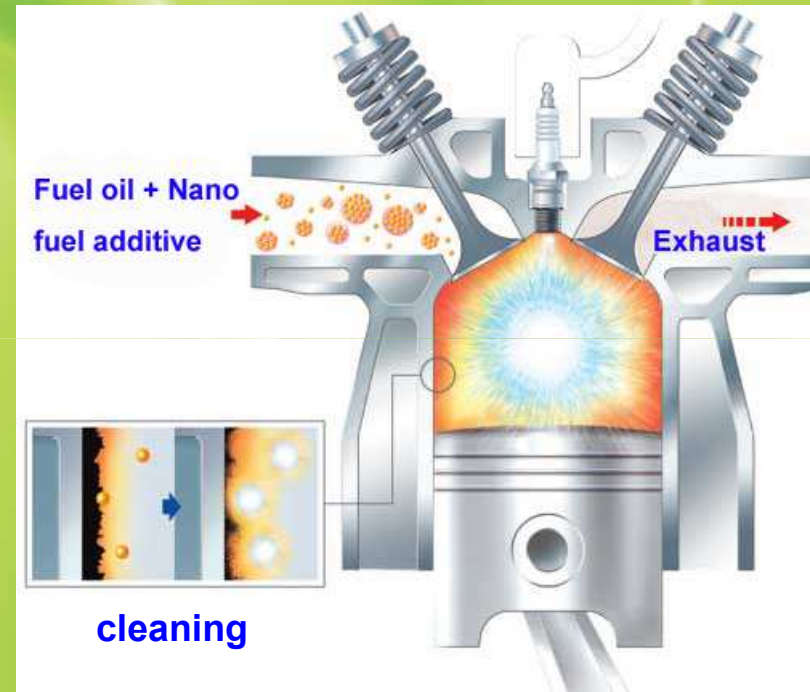
- To Save Fuel Oil : **10% - 28%** ;
- To Reduce harmful exhaust pollution : **40% - 98 %** ;
- To Clean colloid and carbon and impurities in system of fuel : **80% - 99%** ;
- To Increase vehicle's power **20% - 34%** ;
- To Improve octane for gasoline engine : **4 – 8** ;
- To Reduce the maintenance costs, and to Extend engine's life.



# Nano Efficacy



**P1 . Without Nano Fuel Saving Additive**



**P2 . With Nano Fuel Saving Additive**

# Nano Directions

## ***XSNano Fuel Saving Additive: NFA - 288***

- The Theory Dilution Ratio: **1 : 20,000** between NFA and Fuel Oil ;
- The Application Dilution Ratio: **1 : 10,000** between NFA and Fuel Oil ;

**We suggest that use NFA-288 still by 1 : 10,000.**

5ml NGA can treat to 50Liter Gasoline;

1Liter NDA can treat to 10MT Diesel .

### **As the applications:**

*Our lowest saving is 10%, the highest test saving is 28%; The gasoline tests average saving is 16.8%; and the Diesel tests average saving is 16.2%*

- *5ml NGA can save Gasoline average 16.8% x 50L = **8.4Liter**. Can save up to 14Liter.*
- *1 Liter NDA can save Diesel average 16.2% x 10,000L = **1620Liter**. ( means it **saved about US\$1782**, when 1Liter Diesel = US\$1.1)*

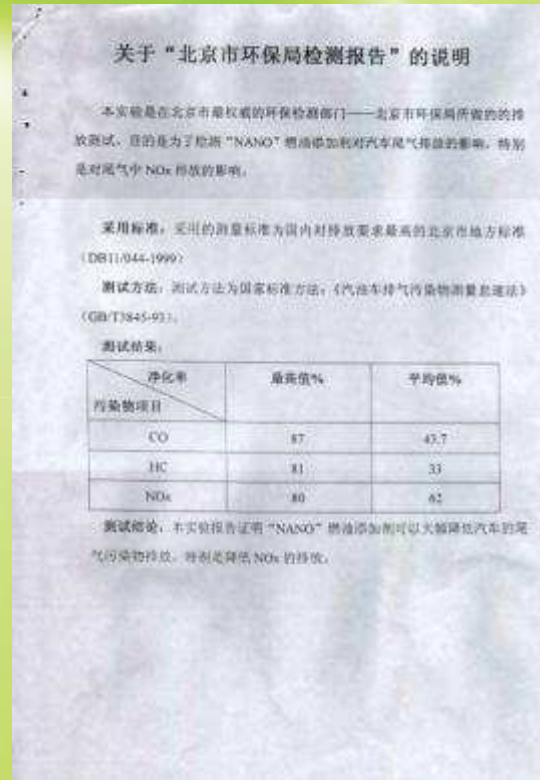


# Nano producing





# Nano Certifications



In 2000-12-14, we got The Environment Certification from China Beijing Environment Center.

The test report shown our Nano reduce CO up to 87%, HC up to 81%, NOx up to 80%.

# Nano Certifications



**In 2001-7-18, we got the Energy – Saving Certification from China Government.**

**This test report shown our NGA average saving 11.4% ; NDA average saving 14.33%**

# Nano Certifications



In 2007-4-12, Sinopec tested our Nano Diesel Saving Additive

The SINOPEC test report shown our NDA saved 12.15% .

# Nano Certifications

**邯钢钢铁集团公司运输部**  
**博纳士纳米添加剂内燃机车试验报告**

邯钢运输部与北京博纳士科技有限公司和北京德威利北德威利石油有限公司达成，博纳士纳米添加剂在内燃机车进行添加试验。本次试验从方案制定到实施完成，历时两个多月，试验的总体方案是通过对不同添加率添加剂的对比，验证博纳士添加剂在节油、清除积炭方面的占比。

试验产品：北京博纳士科技有限公司生产的博纳士纳米燃油添加剂和博纳士纳米润滑油添加剂。

试验分为两大部分，一是节油对比试验，二是清除积炭试验。

一、节油对比试验

按照试验方案制定计划，节油试验实际分为三个步骤：  
 1.空白期—选取原车试验的机车，通过空白期完成添加剂使用过程控制。  
 2.试验期—选取试验的机车，其中试验期分为6000机车添加博纳士添加剂比例：1%、15000、按不同添加率添加比例1%、1000、试验期在6000机车添加博纳士添加剂比例1%、10000。

经过对比试验数据的分析表明，添加博纳士添加剂的6000机车与未添加的6000机车的节油对比试验，节油率高达16.95%。

为了进一步验证博纳士产品的节油率在实际工作负荷下的表现，我们增加了机车的“动态对比试验”，即在对比试验的机车6000和10000机车上进行，采用原机车的实际使用量“动态对比”的办法，在固定负荷和转速1800rpm的情况下，测得添加1%的6000机车比6000机车节油13.42%，试验数据见表1。

二、清除积炭试验

为验证博纳士产品的另一个特性—清除积炭效果，我们试验方案自行制定清除积炭试验方案。利用4月13日6000机车检修的机会，我们拆卸了发动机7#与8#缸盖，并对其积炭情况进行了测量。然后，1月25日利用6000机车检修的机会再次拆卸8#缸盖，并对积炭情况进行了测量。试验数据见表2。7#和8#缸盖积炭清除率分别达到了86.95%、84.12%。积炭清除率分别达到了86.95%、84.12%。积炭清除率分别达到了86.95%、84.12%。积炭清除率分别达到了86.95%、84.12%。

**纳米燃油添加剂的应用与实例**  
**邯钢运输部002#机车8#缸头使用纳米燃油添加剂前后积炭杂质厚度对比图**



**使用前**                      **使用后**

**邯钢002#机车8#缸头排气管使用纳米添加剂前后积炭对比图**



**使用前**                      **使用后**



In 2006- 6-28, We got HBIS using reports.

The HBIS steel factory report shown our NDA saved diesel up to 16.95% ;  
 The engine cleaning was very good !

# Nano Certifications

EPA Form 3520-13 (03-2007) - Fuel Additive Manufacturer Notification Page 1 of 4

U.S. Environmental Protection Agency  
Office of Transportation and Fuels

Fuel Additive Manufacturer Notification

1. Additive (Common Name): **Fuel additive**

2. Company Name: **Beijing Bonus Technology Co., Ltd.** EPA Company ID: **1101092587736**

3. Address: **Room 2007, No. 20 Building, Huiqing Jia yuan, Zhong Guan Cun, Beijing 100083, P.R. China.**

4. Method of Use (Check all that apply):  
 Bulk Treatment - Directed into fuel tanks to be delivered into a vehicle  
 Aftermarket - Sold in consumer-ready containers for addition to a vehicle's fuel system

5. Recommended Usage and Range of Concentration  
 Complete an appropriate "X" in an asterisk (\*) only. Indicate the recommended frequency of use.

Bulk Treatment For Use In:	Range of Additive Concentration			Alternative Fuel Use In:	Range of Additive Concentration		
	Liter	US Gallon	US Gallon		Liter	US Gallon	US Gallon
Unleaded Motor Vehicle Gasoline	TL - 8000L	TL - 12000L	TL - 10000L	Unleaded Motor Vehicle Diesel	TL - 8000L	TL - 12000L	TL - 10000L
Motor Vehicle Diesel Fuel	TL - 8000L	TL - 12000L	TL - 10000L	Other Vehicle Diesel Fuel	TL - 8000L	TL - 12000L	TL - 10000L

6. Recommended Purpose(s) Use of the fuel additive names in Item 1 (Check Appropriate Item(s))

Item	Class	Purpose(s)-Use	Item	Class	Purpose(s)-Use
<input type="checkbox"/>	00	Anti-dieeling agent/metallics attached	<input type="checkbox"/>	040	Anti-dieel compound
<input type="checkbox"/>	01	Anticorrosion	<input type="checkbox"/>	045	Anti-foam
<input type="checkbox"/>	02	Antioxidant	<input type="checkbox"/>	047	Anti-ice/crystallizer
<input type="checkbox"/>	03	Antisoot agent	<input checked="" type="checkbox"/>	049	Demulsifier/compatibilizer
<input type="checkbox"/>	04	Antiscale agent	<input type="checkbox"/>	050	Dispersant
<input type="checkbox"/>	05	Catalyst improver	<input type="checkbox"/>	060	Carrier
<input type="checkbox"/>	06	Combustion improver/efficiency	<input checked="" type="checkbox"/>	065	Combustion chamber cleaner
<input type="checkbox"/>	07	Corrosion inhibitor	<input checked="" type="checkbox"/>	066	Clutch plate depressant
<input type="checkbox"/>	08	Diesel cetane improver	<input type="checkbox"/>	067	Delegant component
<input type="checkbox"/>	09	Detergent	<input type="checkbox"/>	068	Defoamer
<input type="checkbox"/>	10	Dye	<input type="checkbox"/>	069	Clutch
<input type="checkbox"/>	11	Dye/ink solvent	<input type="checkbox"/>	070	Exhaust control
<input type="checkbox"/>	12	Etching or substrate agent	<input type="checkbox"/>	080	Exhaust system cleaner
<input type="checkbox"/>	13	Metal deoxidizer	<input checked="" type="checkbox"/>	085	Controlled deposit
<input type="checkbox"/>	14	Film joint depressant	<input type="checkbox"/>	090	Identifying agent
<input type="checkbox"/>	15	Headline improver	<input checked="" type="checkbox"/>	095	Fuel injector cleaner
<input type="checkbox"/>	16	Headline improver	<input type="checkbox"/>	100	Water valve cleaner
<input type="checkbox"/>	17	Lubricity improver	<input type="checkbox"/>	105	Lubricity agent
<input type="checkbox"/>	18	Oil-soluble dispersant	<input type="checkbox"/>	110	Moisture
<input type="checkbox"/>	19	Flow improver	<input type="checkbox"/>	120	Organic
<input type="checkbox"/>	20	Viscosity extender	<input checked="" type="checkbox"/>	130	Precipitant
<input type="checkbox"/>	21	Carburetor and intake cleaner	<input type="checkbox"/>	140	Flux improver
<input type="checkbox"/>	22	Apparatus/cleaner/flusher	<input type="checkbox"/>	150	Starting fluid
<input type="checkbox"/>	23	Valve lubricant	<input type="checkbox"/>	160	Sealant
<input type="checkbox"/>	24	Exhaust/afterburner	<input type="checkbox"/>	200	Other

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

Beijing Bonus Technology Co., Ltd.  
Attn: Product Manager  
Room 2007  
Room 2007, No. 20 Building, Huiqing Jia yuan,  
Zhong Guan Cun, Beijing 100083, P.R. China

Date: 06/16/2008

Product or use (December 31, 2007 and forward). The following fuel additive has been registered per 40 CFR, 16.53 (see latest date for each product's approval):

1101092587736 Bonus Fuel additive

This fuel per 40 CFR, 16.53(i) is available for registered use only in writing. Further information on your additive's use is available. In addition, with the use of your additive, you have provided information that you will not improve, delay, or inhibit, or require, avoid, limit, or alter engine components, or any other, real or potential engine other components in any additive or fuel or in the engine, the operation of the additive (continuous enhancement, maintenance agent or by any agency of the United States.

Please call (202) 566-0704 if you have any questions.

Signature:  
  
 Paul J. Hines  
 Director  
 Compliance and Legislative Branches



**Nano Fuel Additive**  
**EPA NO. : 216920001**

**In 2007-12-03, we got the EPA certification from United States.**

# Nano Certifications



ISO Certification



Insurance for Nano clients



Nano Safe Certification

# Nano Certifications



**International Red Cross Saved 16%**



**Madrid Taxi company saved 12%.**



**Spain Police Cars saved 20%**

# Nano Certifications



**MEDELLIN UNIVERSITY  
test Saved 17.3 %**



**Cleaning and Protecting  
engine Great !!!**



**Reducing exhaust  
pollution Great !!!**



# Nano Certifications



**SEI'S CERTIFICADO DE LABORATORIO**

CLIENTE	RENFE
PROYECTO	RENFE
FECHA DE EMISIÓN	27/04/2010
FECHA DE VIGENCIA	27/04/2010
FECHA DE EXPIRACIÓN	27/04/2010
FECHA DE EMISIÓN	27/04/2010
FECHA DE EXPIRACIÓN	27/04/2010
FECHA DE EMISIÓN	27/04/2010
FECHA DE EXPIRACIÓN	27/04/2010

**RESUMEN DE RESULTADOS**

DESCRIPCIÓN	VALOR	SEGUIMIENTO
SEGUIMIENTO	20,8 %	
SEGUIMIENTO	20,8 %	

Spain RENFE railway company NDA + NLA test Saved 20.8 %

**SEI'S CERTIFICADO DE LABORATORIO**

CLIENTE	RENFE
PROYECTO	RENFE
FECHA DE EMISIÓN	27/04/2010
FECHA DE VIGENCIA	27/04/2010
FECHA DE EXPIRACIÓN	27/04/2010
FECHA DE EMISIÓN	27/04/2010
FECHA DE EXPIRACIÓN	27/04/2010
FECHA DE EMISIÓN	27/04/2010
FECHA DE EXPIRACIÓN	27/04/2010

**RESUMEN DE RESULTADOS**

DESCRIPCIÓN	VALOR	SEGUIMIENTO
SEGUIMIENTO	16,9 %	
SEGUIMIENTO	16,9 %	

Spain RENFE railway company NDA test Saved 16.9 %

**SEI'S CERTIFICADO DE LABORATORIO**

CLIENTE	RENFE
PROYECTO	RENFE
FECHA DE EMISIÓN	27/04/2010
FECHA DE VIGENCIA	27/04/2010
FECHA DE EXPIRACIÓN	27/04/2010
FECHA DE EMISIÓN	27/04/2010
FECHA DE EXPIRACIÓN	27/04/2010
FECHA DE EMISIÓN	27/04/2010
FECHA DE EXPIRACIÓN	27/04/2010

**RESUMEN DE RESULTADOS**

DESCRIPCIÓN	VALOR	SEGUIMIENTO
SEGUIMIENTO	6,06 %	
SEGUIMIENTO	6,06 %	

Spain RENFE railway company NLA test Saved 6.06 %

# Nano Certifications



Taxi company in UK



NDA 5ML

**nano DIESEL** TEST 1  
TEST VEHICLE DIESEL - PERIOD

VEHICLE - Make Vauxhall Model VALENTIA  
Reg No. VU55 OHL PMS 120100

DRIVER - Name NDA 5ML  
SI no. \_\_\_\_\_

**TEST BEFORE - WITHOUT ADDITIVES**

Have fuel tank with fuel? YES  
At which Service Station? W551, 44201/00  
At which pump? Aut 7  
What type of fuel? Diesel  
Miles, At the start of the test: 130.124 Date & time: 11/11/10  
Miles, At the end of the test: 130.484 Date & time: 11/11/10  
Litres used: 35.38 Cost per litre: 7.22 68.2 mpg  
MOT emissions reading? NO  
Where? N/A  
Make & Model of test apparatus: N/A  
Oxidative Reading T: NO  
Make and Model of test apparatus: N/A  
Have photographs been taken of these actions? NO  
DRIVE FOR 150 MILES

**TEST WITH ADDITIVES**

Add the NANO additive to the fuel before refilling and also add the oil additive to the oil. Are both these done? YES  
Fill with fuel at the same service station and pump. YES  
Miles, At the start of the test: 130.484 Date & time: 11/11/10  
Miles, At the end of the test: 130.858 Date & time: 11/11/10  
Litres used: 31.68 Cost per litre: 6.98 53.4 mpg  
Have emissions been checked at the end of the test? NO  
Where? N/A  
Has SAE been measured at end of test? NO  
Have photographs been taken of these actions? YES

For a bottle 5ml,  
it saved 10.8%

# Nano Certifications



**TOYOTA Car in UK**



**NDA 5ML**

TEST 3

**TEST VEHICLE 01522 - PETROL**

**VEHICLE -** Make TOYOTA Model CELICA  
 Reg No. N199 RPK Miles 113030

**DRIVER -** Name Paul Bismil  
 Id no \_\_\_\_\_

**TEST BEFORE - WITHOUT ADDITIVES.**

Have filled full with fuel? YES  
 At which Service Station? WATERLOO SUPERMARKETS POLICE W/SHOP  
 At which pump? NUMBER 1  
 What type of Fuel? PETROL  
 Miles. At the start of the test: 113 030 Date & time: 27/8/10  
 Miles. At the end of the test: 113 416 Date & time: 29/8/10  
 Litres used 41.18 Gallons used 9.07 42.54 MPG

MOT emissions reading? NO  
 When? N/A  
 Make & Model of test apparatus: N/A  
 Decibels Reading?: NO  
 Make and Model of test apparatus: N/A  
 Have photographs been taken of these actions? NO

DRIVE FOR 250 MILES!!!

**TEST WITH ADDITIVES-**

Add the NANO additive to the fuel before refilling and also add the oil additive to the oil. Are both these done? YES  
 Fill with fuel at the same service station and pump: YES  
 Miles. At the start of the test: 113 416 Date & time: 28/8/10  
 Miles. At the end of the test: 113 703 Date & time: 31/8/10  
 Litres used 45.06 Gallons used 9.72 49.015

Have emission been tested at the end of this test: NO  
 Where? N/A  
 Has Decibels been measured at end of test?: NO  
 Have photographs been taken of these actions?: YES

**For a bottle NDA,  
it saved 15.34%**

# Nano Certifications



Truck in UK



NDA 25ML

TEST 4	
TEST VEHICLE DIESEL - R620L	
VEHICLE - Make	SCANIA
Model	P180
Reg No	X255 RVP
Make	TRAVEL
DRIVER - Name	
TAYLOR	
ID No	
NAME OF COMPANY OWNING TRUCK	
RURAL SERVICES LTD	
Address	
MOUNT ROAD, STOVING, LEEDS, LS23 4SA	
TEST BEFORE - WITHOUT ADDITIVES	
Have filter full with fuel?	YES
At which Service Station?	ELCO (TRAME) WYKEL
At which pump?	ELCO (TRAME) WYKEL
What type of Fuel?	ELCO
Miles. At the start of the test	175,600 Date & time 1/1/10
Miles. At the end of the test	176,117 Date & time 1/1/10
Litres used	25.00 (before used) 22.8 (after) 2.2
MOT emissions reading?	No
Water?	No
Make & Model of fuel apparatus	N/A
Diagnost Reading?	N/A
Make and Model of test apparatus	N/A
Have photographs been taken of these actions?	No
DRIVER (FOR USE BY DRIVER)	
TEST WITH ADDITIVES- FIRST TANK WITH ADDITIVE	
Did the NANO additive to the fuel before refilling and also add the oil additive to the oil. Are both these done?	YES
Fill with fuel at the same service station and pump	ELCO (TRAME) WYKEL
Miles. At the start of the test	176,087 Date & time 1/1/10
Miles. At the end of the test	176,135 Date & time 1/1/10
Litres used	19.11 (before used) 13.2 (after) 5.9
Have photographs been taken of these actions?	YES
Drive for at least 250 miles, or until tank on truck nearly empty	8.51 miles
SUCCESS OF 7.2	

For a bottle NDA,  
it saved 19%

# Nano Heavy Oil Additive Applications



# Nano Lubricant oil Additive Directions

## ***XSNano Lubricant oil Additive: NLA-190***

The Application Dilution Ratio: **1 : 1,000** between NLA and Lubricant Oil.

50ml NLA-190 can treat to 50 Liter Lubricant oil .

- Rolling Lubrication to decrease attrition ;
- Resisting pressure and high temperature ;
- Protect the engine, and Extent it's life ;
- Extend cycle of changing Lubricant about per15000km ;
- Improve power: 10% - 28%;
- Save Fuel oil: 3 - 10%;
- Reduce pollution: 40%,
- Reduce the machine noise 18 decibel.



***To use our NFA and NLA together, which can get the best effect !***

***Best regards !***

Lubrication Solutions P/L - Australian Agents for XSNano

Po Box 1011 Capalaba Qld 4157 ph 07 38241653 email; sales@xsnano.com.au



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