

TECHNICAL DATA SHEET

ROXDIESEL® 9300C Cetane Improver

Code 8759

Boost Engine Performance

DESCRIPTION

RoxDiesel® 9300C Cetane Improver is a multifunctional ashless organic fuel additive. It helps to reduce fuel consumption and provides a complete diesel treatment enhancing combustion through the addition of cetane improvers.

It is designed to meet the requirements of new generation engines. It will turn your regular diesel into a premium fuel. It will boost your engine performance and reduce output of environment emissions; your engine will run cleaner with greater horsepower. Get more power for your 4x4 or truck when you need it.

FEATURES AND BENEFITS

- Reduces diesel and AdBlue consumption
- Increases Cetane rating of fuel
- Cleans injectors, intake & outlet valves & combustion chamber deposits
- Antifoaming properties
- Reduces NOx & CO & particulate matter, black smoke & fuel consumption
- Greater horsepower & cleaner combustion
- Reduced noise and reduced vibration
- Improved fuel atomisation
- Enhanced fuel stability and demulsibility
- Biocidal action
- Sludge dispersion
- Inhibits corrosion & rust



The recommended treat rate is 1:500 for the initial first-time treatment and 1:1000 for subsequent treatments. Add 1 part of RoxDiesel® to 500 parts of Diesel for the first treatment. Mix well. For subsequent treatment add 1 part of RoxDiesel® to 1000 parts of Diesel.

EFFECTIVENESS TEST

Scope: The scope of the trial was to measure the changes in fuel economy (expressed in fuel consumption) and AdBlue consumption in a fleet of three trucks over the course of one month and a distance of just over 200,000 km.

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Trucks used in the trial

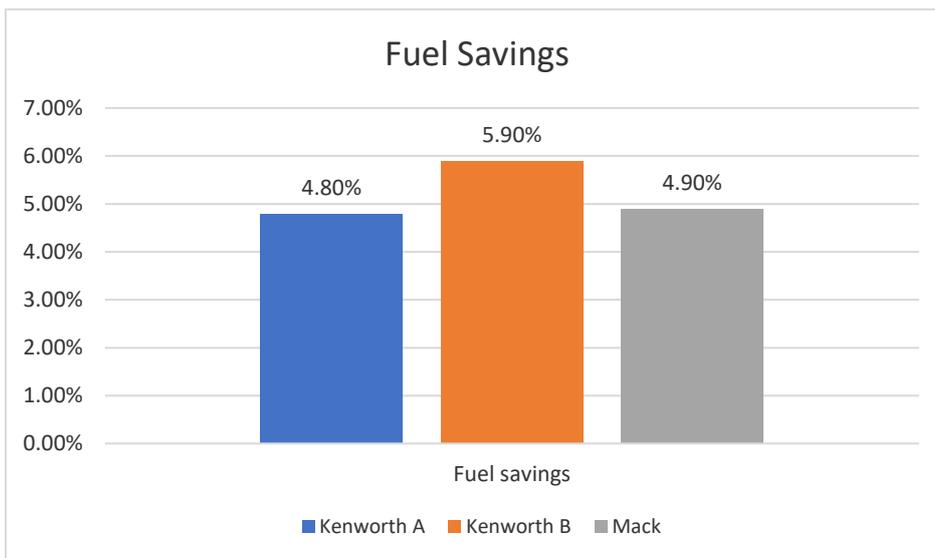
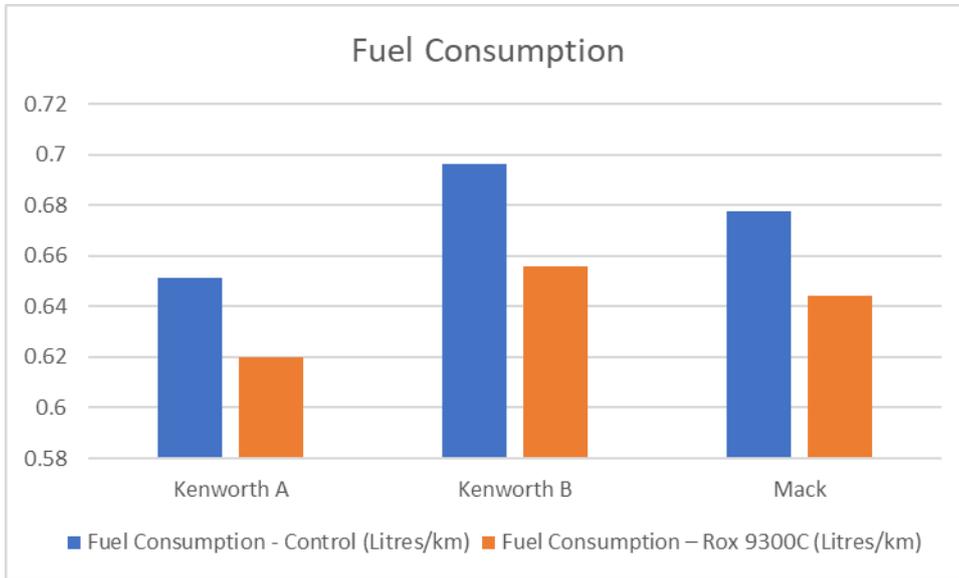
Identifier	Year / Make / Model	Distance travelled without 9300C (baseline)	Distance travelled with 9300C
Kenworth A	2016 Kenworth T909, 22 Series, Meritor 4.56 Ratio, Cummins E5 – 600 Hp	30,090 km	31,000 km
Kenworth B		30,437 km	43,690 km
Mack	2016 MACK SUPERLINER, 12 Speed Auto, Meritor 3.73 Ratio, MP10 – 685 Hp	32,000 km	34,403 km
		92,527 km	109,093 km

The dosage rate of ROX 9300C is 100 mL for every 100 Litres of fuel, to be added during refuelling. Throughout the trial, the driver dosed ROX 9300C into the fuel tank prior to the introduction of fuel, and then topped up the fuel tank.

Results: The results obtained at the end of the trial were then compared to existing data to provide a quantified figure for fuel and AdBlue saving. The results are summarised below.

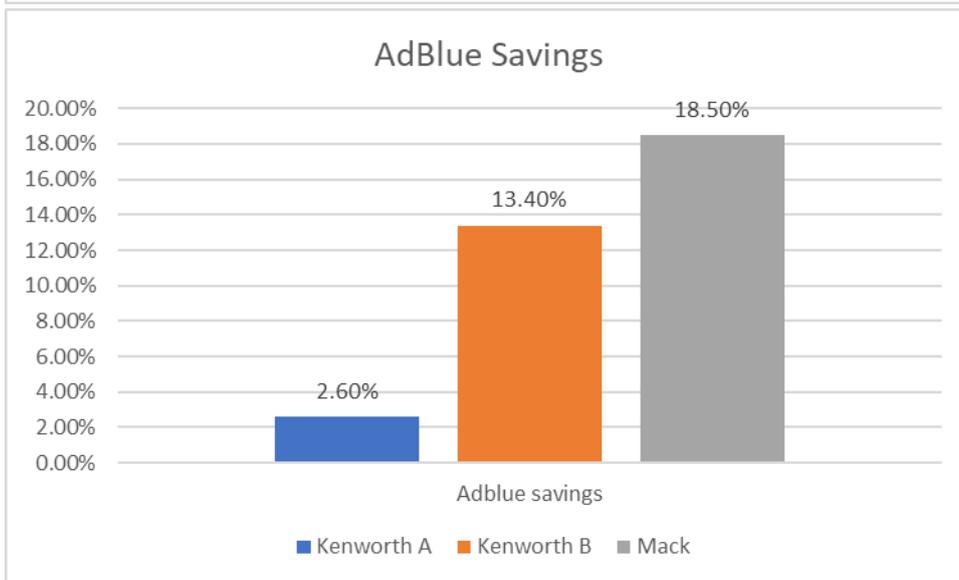
Identifier	Fuel Consumption - Control (Litres/km)	Fuel Consumption – Rox 9300C (Litres/km)	Fuel savings
Kenworth A	0.65	0.62	4.8%
Kenworth B	0.70	0.66	5.9%
Mack	0.68	0.64	4.9%

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Identifier	AdBlue per km - Control	AdBlue per km – Rox 9300C	AdBlue savings
Kenworth A	0.016	0.015	2.60%
Kenworth B	0.011	0.010	10.00%
Mack	0.030	0.024	18.50%

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APPLICATION

The treat rate is 1:500 for the initial first-time treatment and 1:1000 for subsequent treatments.

ARES OF APPLICATION

- Common Rail Diesel Engines
- TDI Diesel Engines

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PHYSICAL PROPERTIES

Appearance colour: light brown coloured liquid

Density: 0.89 +/- 0.02

Transparency: clear

WARNING

Combustible – liquid. Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled. Causes eye irritation. Very toxic to aquatic life with long lasting effects.

FIRST AID

Wash contaminated clothing before reuse. Collect spillage. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists. Get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Rinse mouth.

ORDERING INFORMATION

8759/30	1 litre
8759/42	5 litres
8759/51	20 litres
8759/64	200 litres
8759/1000	1000 litres

WARRANTY – All statements, information and data presented herein are believed to be accurate and reliable but are not to be taken as a guarantee, expressed or implied, for which seller assumes legal responsibility and they are offered solely for your consideration, investigation and verification. Statements or suggestions concerning possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent.

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