



- Lowers Emissions (90%)
- Increases Performance
- Saves Fuel (30%)
- Lowers Maintenance
- Helps the World Breathe Easier
- NO maintenance, NO consumables are required
- Guaranteed and Warranted

Test Results of ECO Systems

ТОО Алматы Электро Транс *to go GREEN while SAVING on maintenance and fuel consumption*

Prepared by: EMS Sales Department

www.ecominesystems.kz

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Overview



Supplier:	TOO ECO Mine Systems (Distributor of ECO Systems in Kazakhstan)
Fleet Owner:	TOO Алматы Электро Транс
Work Scope:	TOO АлматыЭлектроТранс has been facing extensive level of emissions, maintenance and fuel consumption issues to its fleet for the last 5 years and were seeking to resolve the issues through innovative technologies. TOO АлматыЭлектроТранс requested ECO Mine Systems LLC to test ECO Systems on 3 Buses for the period of 10 days and show the real time results on emissions and fuel spend. Testing Period: October 29th, 2021 – November 20th, 2021
Type of ECO Unit tested:	ECO# 5

VEHICLE INFORMATION:



	Model	Engine size	License Plate No.	ODO/km	Type of vehicle	ECO Types
1	ЛиАЗ	6,700cc	868DA02		BUS	ECO#5
2	ЛиАЗ	6,700cc	268DA02			ECO#5
3	ЛиАЗ	6,700cc	438DS02			ECO#5

PHOTO's

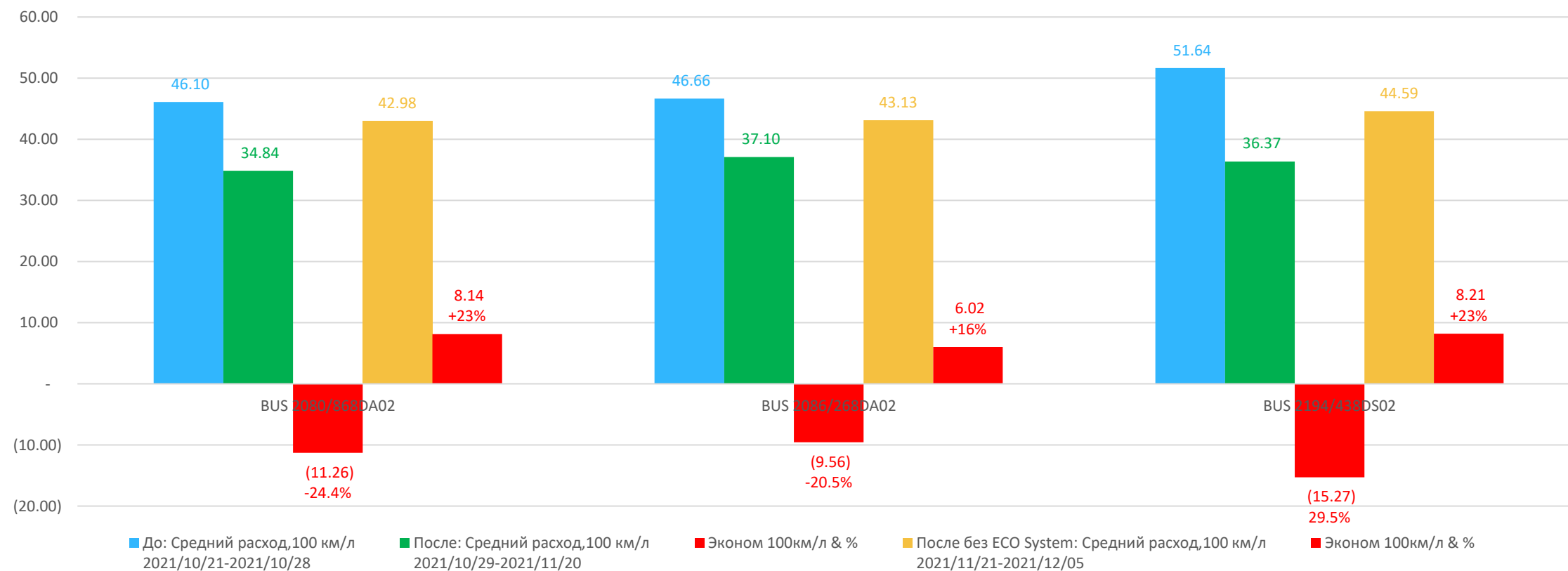


The ECO # 5 is installed in the middle of the fuel line from the fuel filters to the apparatus./Fuel intake/

TEST RESULT



Fuel Consumption/Test result Before & After of ECO Systems /



ROI(Return of Investment):



Vehicle type	Avg km per month	Saving per 100km (Liters)	Fuel Saving per month (Liters)	Fuel Price	Saving per month (TNG)	Saving per year (TNG)	ROI %
868DA02	7,500	11	825	330	272,250	3,267,000	1,132%

- Initial investment cost is low and Customers globally return their investment within 1-2 months only on fuel consumption.
- ECO units don't need maintenance and can be replaced to other vehicles in case of fleet changes.
- 5 year Manufacturer's warranty and expected life of the ECO systems is 40 years.
- ROI's 1,132%

EXECUTIVE SUMMARY



- Technology works on simple principle of making the fuel more combustible by converting complex fuel molecules into smaller molecules while increasing REED vapor pressure. This will extend the life of the engine, injectors, actuators, and DPF filters and reduce maintenance costs (TCO / Total cost of ownership).
- On the other hand, as the fuel passes through the ECO device, the disordered hydrocarbon molecules in the fuel break down into smaller and more fragmented structures. As a result, the fuel burns completely, and the engine capacity increases. The engine noise gets softer.
- The longer you drive with ECO Systems (1,000-3,000km), the better the result you get.

Fuel Consumption Result:

- After installing ECO#5 and driving for during 29th October - 20th November, 2021 20 days, this Bus has saved 9-15 liters per 100km's and about 20.5-29.5% reduction in fuel consumption. Fuel consumption report as it was -5-10 Celsius degrees or higher in the month of October.
- We uninstalled ECO System on Bus 20th of November, 2021. The bus has driving for without ECO System during 21st November – December 5th, 2021, fuel consumption increased back 6-8 liters per 100km's and about 16-23%.
- ECO System had a very positive effect on fuel consumption.



HAND OVER:

ТОО Алматы Электро Транс:
Transport Manager

ТОО ECO MINE SYSTEMS:
CEO

.....

(Signature)

Date:

C.Мапат

(Signature)

Date:

КОНТАКТЫ



Please don't hesitate to contact us if you have any questions:

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#fuel cost reduction, #emissions reduction, #maintenance cost reductions, #proven