

ECOOPERATOR TRAINING

Take your efficiency to the next level



ECOOPERATOR



**OPERATORS MAKE
A DIFFERENCE**

Unlock the full potential of your Volvo machines

Reducing costs, while increasing productivity and safety, is a test that customers face every day. Reliable and efficient machines play an important part in achieving this, but it is the performance of the operator that really makes the difference.

With EcoOperator training from SMT, operators will learn how to get the most out of their machine and reduce fuel consumption, emissions and wear.

What does the training involve?

This is an advanced course for already experienced operators, with a primary focus on efficiency. The programme helps operators be more productive, whilst reducing fuel consumption, machine wear and tear, and unplanned downtime – for a more profitable and environmentally friendly operation.



Optimum efficiency

With a greater awareness of their machinery and applications, operators can plan and perform their work more effectively, to do more with less, boosting efficiency and profitability.

Higher productivity

With a good understanding of the many intelligent features and functions of their Volvo machines, operators can use their machinery to its full potential.

Environmental impact

[Update]Training enables operators to help reduce fuel consumption their skills and operating practices, helping to lower the risk of incidents

Reduced wear, reduced costs

Training helps to prevent unnecessary strain being put on the machine, minimising wear and tear – hence reducing costs.

Increased uptime

Correct machine use keeps your machines in good condition and reduces the risk of unplanned downtime, while increasing machine lifetime and residual value.

Greater operator satisfaction

Training is proven to increase job satisfaction, resulting in happier and more productive operators. A commitment to employee development also helps to attract and retain talented operators.

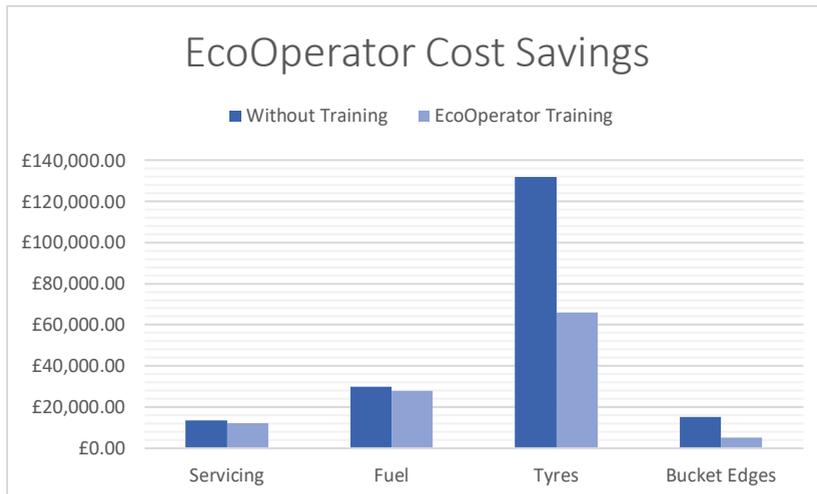
“Highly skilled operators can reduce fuel by up to 25%”

TRAINING PAYS OFF

Money invested in operator development is money well spent. A skilled machine operator works faster and more efficiently – saving time and fuel. Suitable operator training will help boost your profitability, reducing both operating costs and environmental impact.

The graph below depicts potential savings based on a UK customer site study which involved an L110H with solid tyres. Used specifically in a waste application, working 2000hrs annually, over a three year period.

Fuel figures were achieved by reducing idle time by 10% and working fuel consumption by 5%.



EcoOperator Training is designed to help experienced operators get even more from their Volvo machine and deliver optimal performance.

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“When you have operated wheel loaders for 23 years you think you know everything. It’s impressive how much you can learn and improve your skills by taking the EcoOperator course. You learn how to save time and money together with the environment.”

“Of course, there is a difference comparing a rookie and a professional operator. Likewise there is a big difference comparing a professional operator and an EcoOperator.”

Anders Johansson,
Team leader at Econova (Sweden)



“After the training, we noticed a decrease in the cost of fuel, tyres and spare parts.”

Kader Salhi,
Production manager at SAPAM (Algeria)



“Before the EcoOperator training I always ran on full power, now I achieve the same productivity with half the pace.”

Ton Driessen,
Wheel loader operator at Wienerberger (Netherlands)



“We saved 4 litres of fuel per hour - a 20% cut - that is a lot!”

“Based on the great results, we will conduct the EcoOperator training at our other sites as well.”

Peter Amsen,
Plant Manager at Wienerberger (Netherlands)

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HOW DOES IS WORK?

The EcoOperator Training programme covers a broad range of areas where the operator can affect the outcome of your operation. The SMT instructor works closely with operators to enhance their knowledge and give them the skills to deliver the best possible performance.

ASSESS

IMPROVE

SUSTAIN

Data analysis
The instructor performs an initial machine data analysis to identify opportunities for improvement.

Site visit
To gather more information and complete the assessment phase, a site visit is organised. This includes machine inspections as well as assessments of operating practices and site conditions.

Theory
Operators complete theoretical training to gain in-depth knowledge of best practices, including both operating techniques and overall efficiency. Our instructors work with the latest training tools to help deliver longterm sustained improvements.

Practice
Operators receive practical training allowing them to apply the theory. This can be completed with ready-to-use practical exercises, or during the operator's daily work, coached by the instructor.

Follow-up
A few months later, another machine data analysis is performed. A summary of the results is provided, along with recommendations for any further improvements.

EcoOperator Report: a powerful training tool

To better understand your operation and to put a value on your potential savings, the instructor will create the first EcoOperator Report when visiting your site.

With fact-based information regarding operating practices, the instructor can customize the training program to your specific areas of improvements, and monitor development.

During the follow-up phase, a new EcoOperator Report will be created to highlight improvements and savings achieved, compared to performance before training.

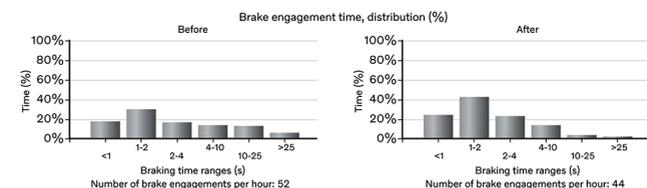
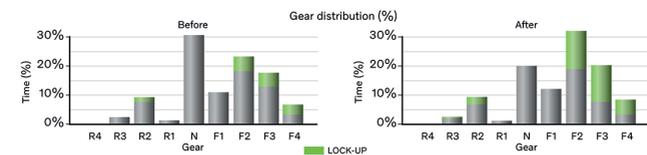
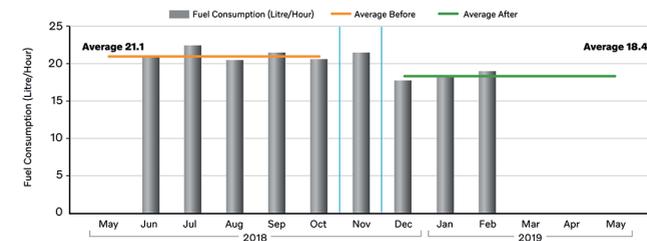
ECOOPERATOR

May 2018 - February 2019



This report shows operating performance before and after training.

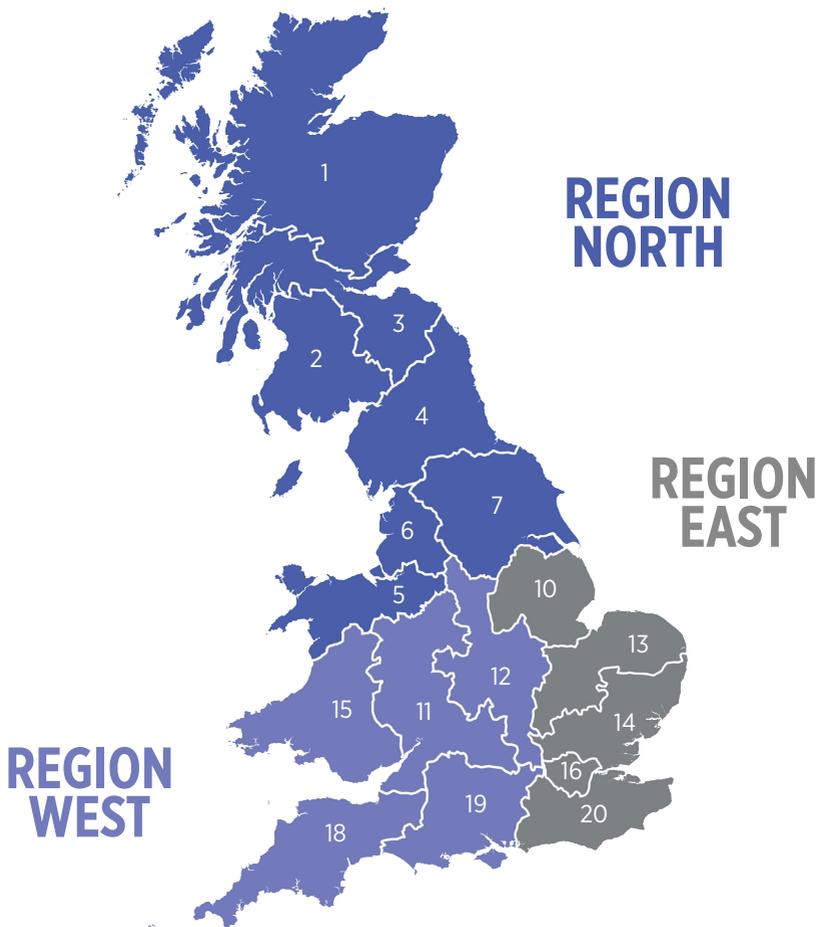
Customer Machine Name	Machine Hours (h)		Idling Hour (h)	Fuel (Litre)		Cost (EUR)	
	Before	After	Saving per month	Saving per month	Saving per month	Saving per year	
A35E 10XX ART 122	752	474	15	236	495	5 940	
L150G 10XX WLO 212	805	512	18	232	573	6 876	
EC380E 10XX EXC 307	821	527	14	296	561	6 732	
Total Achieved Savings							
		Idling Hour (h)	Fuel (Litre)		Cost (EUR)		
		Saving per month	Saving per year	Saving per month	Saving per year	Saving per month	Saving per year
Total		47	564	764	9 168	1 629	19 548
Green saving carbon dioxide CO2 (kg) (2,63kg per litre saved fuel)				2 009	24 112		



Contact Us

SMT

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