



Volvo Trucks. Driving Progress

# VOLVO FH WITH I-SAVE

SAVING FUEL HAS NEVER FELT SO GOOD



# The ultimate long haul truck

When it comes to fuel, it's not just about how much you can save, but how much you can do with every litre. Achieving the perfect balance between fuel savings, driveability and performance is no easy task. Until now. The new Volvo FH with I-Save can bring down fuel consumption – without compromising productivity and the joy of the road ahead.

## **Tailored for your success**

Volvo FH with I-Save is ideal for the majority of long haul transport tasks. Every aspect has been tailored to demanding long haul – making it an investment that pays off. Especially if you or your drivers drive far, like 120,000 km/year or more. Simply put, the farther you drive, the more you can save for a more profitable operation.

Volvo FH with I-Save combines the Volvo D13TC engine – our most fuel-efficient long haul engine ever, with a package of high-tech, fuel-saving features. Examples include an update of I-See and an improved Eco mode software. By bringing it all together in the Volvo FH, we've created the ultimate long haul truck.



# Cut fuel costs by up to 10%

Volvo FH with I-Save is a true fuel saver. By combining the D13TC engine and Long Haul Fuel Package, this truck cuts fuel costs by up to 10% in long haul operations.\*

Every feature of this vehicle, from the interior shape of the pistons to the updated economy mode software, has been designed to promote fuel efficiency and reduce fuel costs.

There are also two other major benefits. For one, the Turbo Compound engine features a cooled Exhaust Gas Recirculation System that reduces the amount of nitrogen oxide during the combustion process. This in turn means less AdBlue is needed – contributing to lower total fuel costs.

\* D13TC Euro 6 step D with the Long Haul Fuel Package (I-Save) vs. D13 eSCR Euro 6 step D. Actual fuel economy will vary depending on many factors, such as use of cruise control, actual topography, the driver's driving experience and weather conditions.



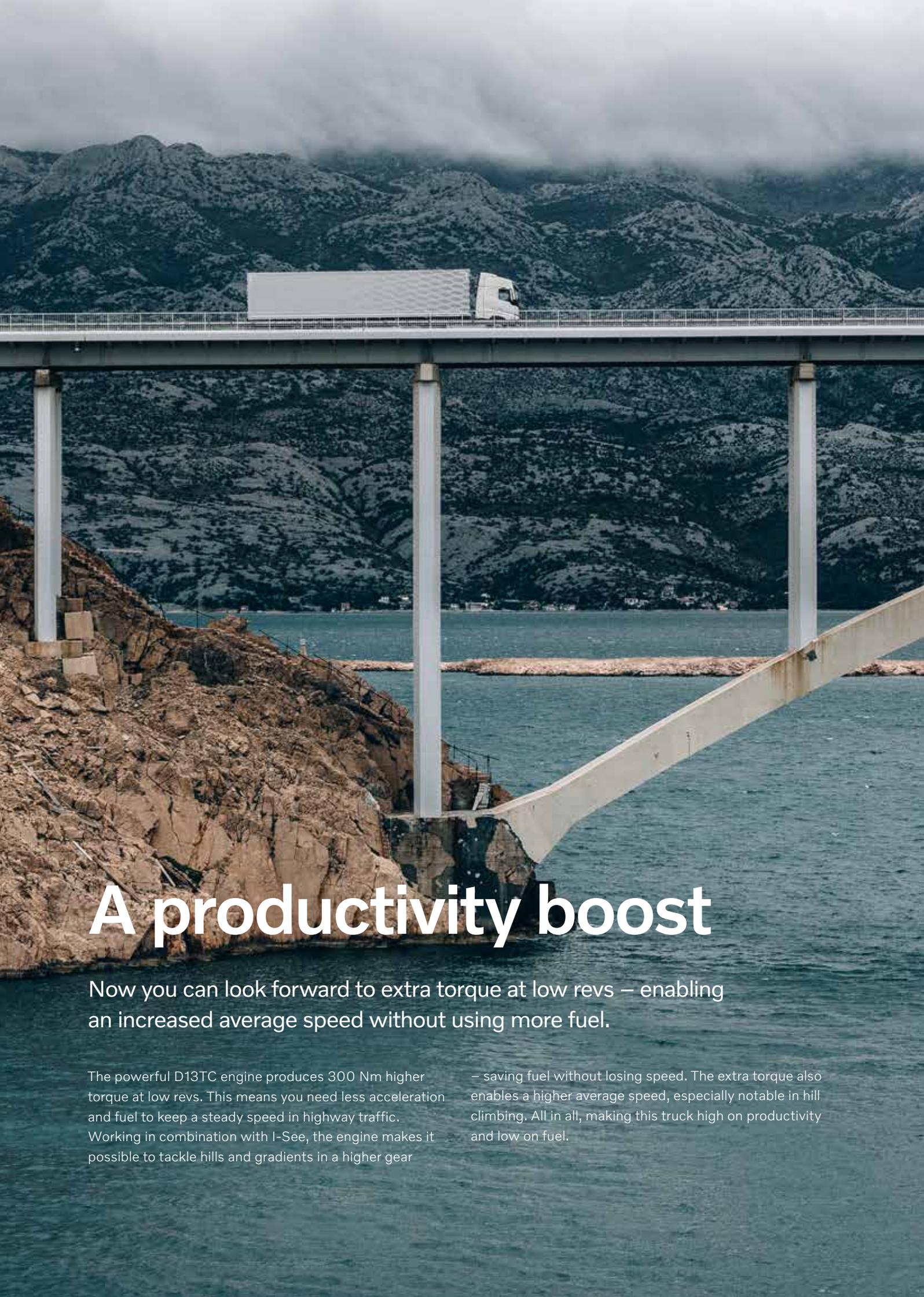






# Lower revs, more driver comfort

Volvo FH with I-Save lets you drive at lower revs and higher gear for a longer time – contributing to a smoother, quieter drive. Drivers can also look forward to a faster torque response, making this truck even more inspiring.



# A productivity boost

Now you can look forward to extra torque at low revs – enabling an increased average speed without using more fuel.

The powerful D13TC engine produces 300 Nm higher torque at low revs. This means you need less acceleration and fuel to keep a steady speed in highway traffic. Working in combination with I-See, the engine makes it possible to tackle hills and gradients in a higher gear

– saving fuel without losing speed. The extra torque also enables a higher average speed, especially notable in hill climbing. All in all, making this truck high on productivity and low on fuel.





# This is Volvo FH with I-Save

Volvo FH with I-Save includes the highly efficient D13TC engine and a unique package of fuel saving features. Every feature of I-Save is designed, tested and proven to save fuel in long haul operations.

## **New generation – even more efficient**

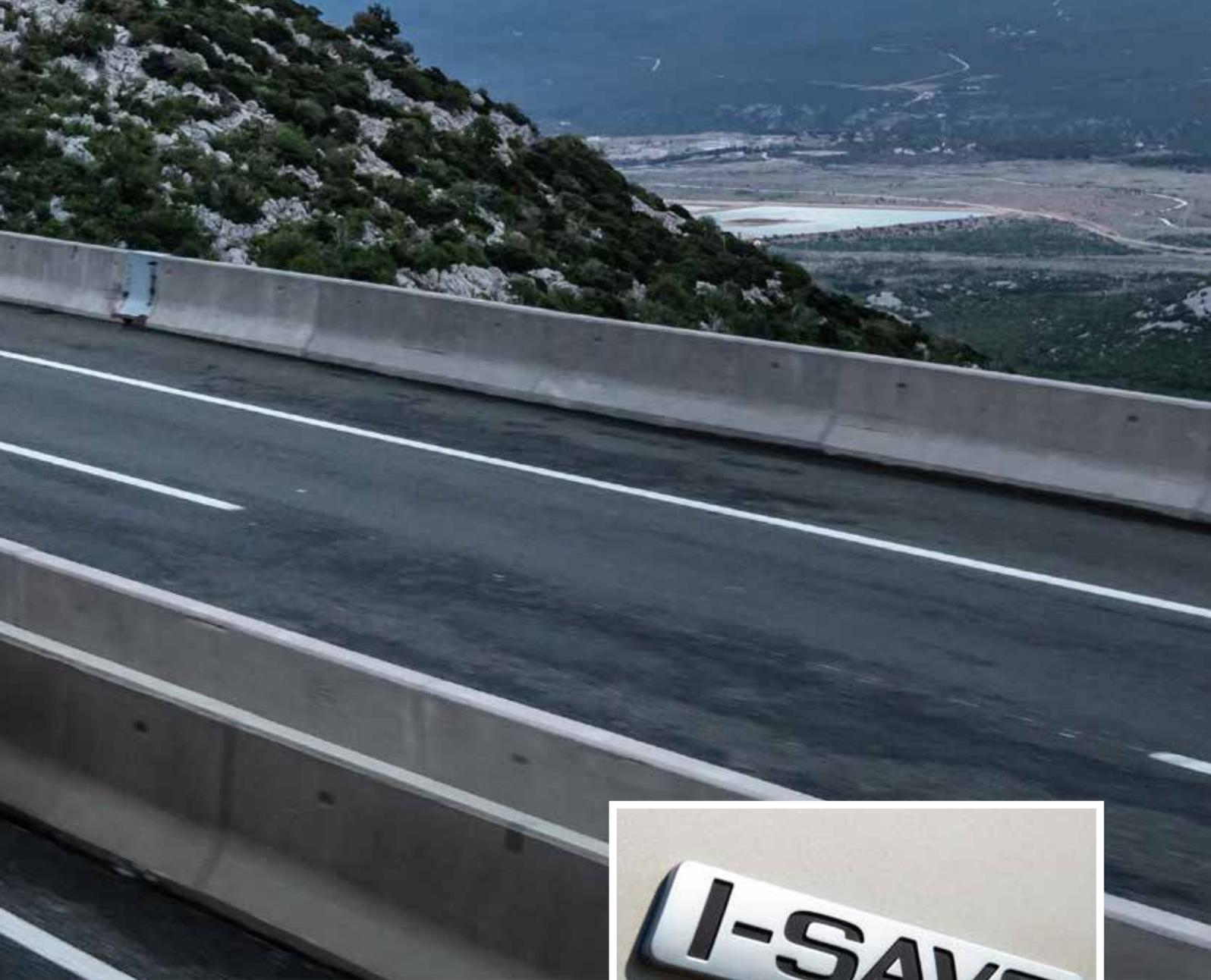
The new generation Volvo FH with I-Save reduces fuel consumption further when driving in Eco mode. In addition, I-See now enables the truck to detect when it's efficient for the engine to rev up slightly and then freewheel.

## **Powerful D13TC Engine**

The highly efficient D13TC engine features patented pistons with wave-shaped interior and Volvo Turbo Compound technology. It's available in 460 and 500 hp versions.

## **Map-based I-See**

I-See uses knowledge about the road ahead to utilise



the truck's moving energy in the best possible way when driving in hilly terrain. It takes care of gear selection, acceleration and engine braking when I-Cruise is activated.

**I-Shift with long haul optimised software**

Designed specifically for efficient highway driving, I-Shift with long haul optimised software will save you fuel.

**I-Cruise with I-Roll**

I-Cruise helps keep speed steady, while adjusting the speed to keep fuel consumption down. It also helps maintain a high average speed.

**Fuel-efficient rear axle**

With the right ratio for long haul, it works in perfect harmony with the Volvo D13TC engine and I-Shift for improved fuel efficiency.

**Engine idle shutdown**

This feature automatically turns off the engine after 2.5 minutes of idling to save fuel and reduce emissions.

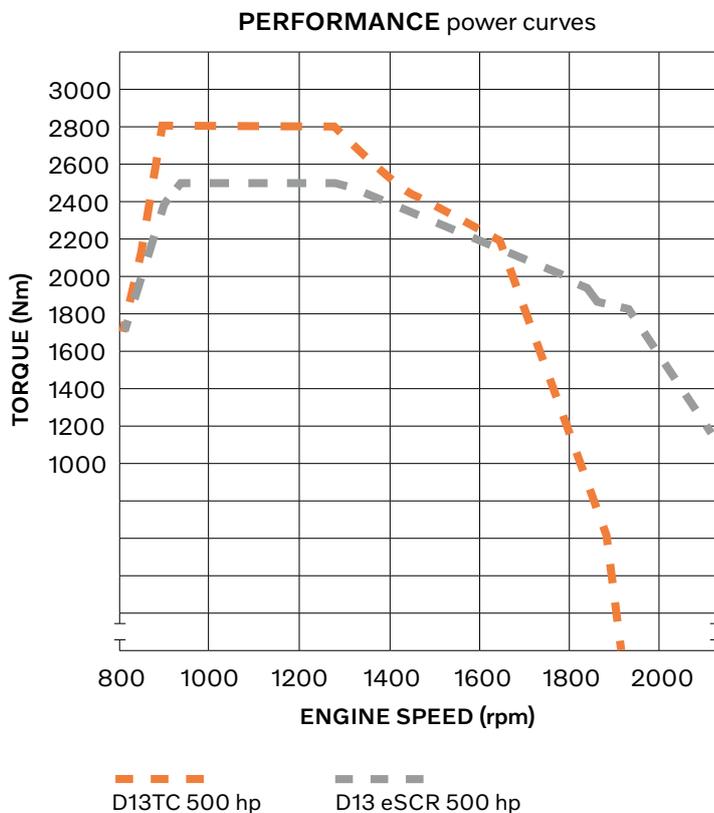
**Power-steering pump**

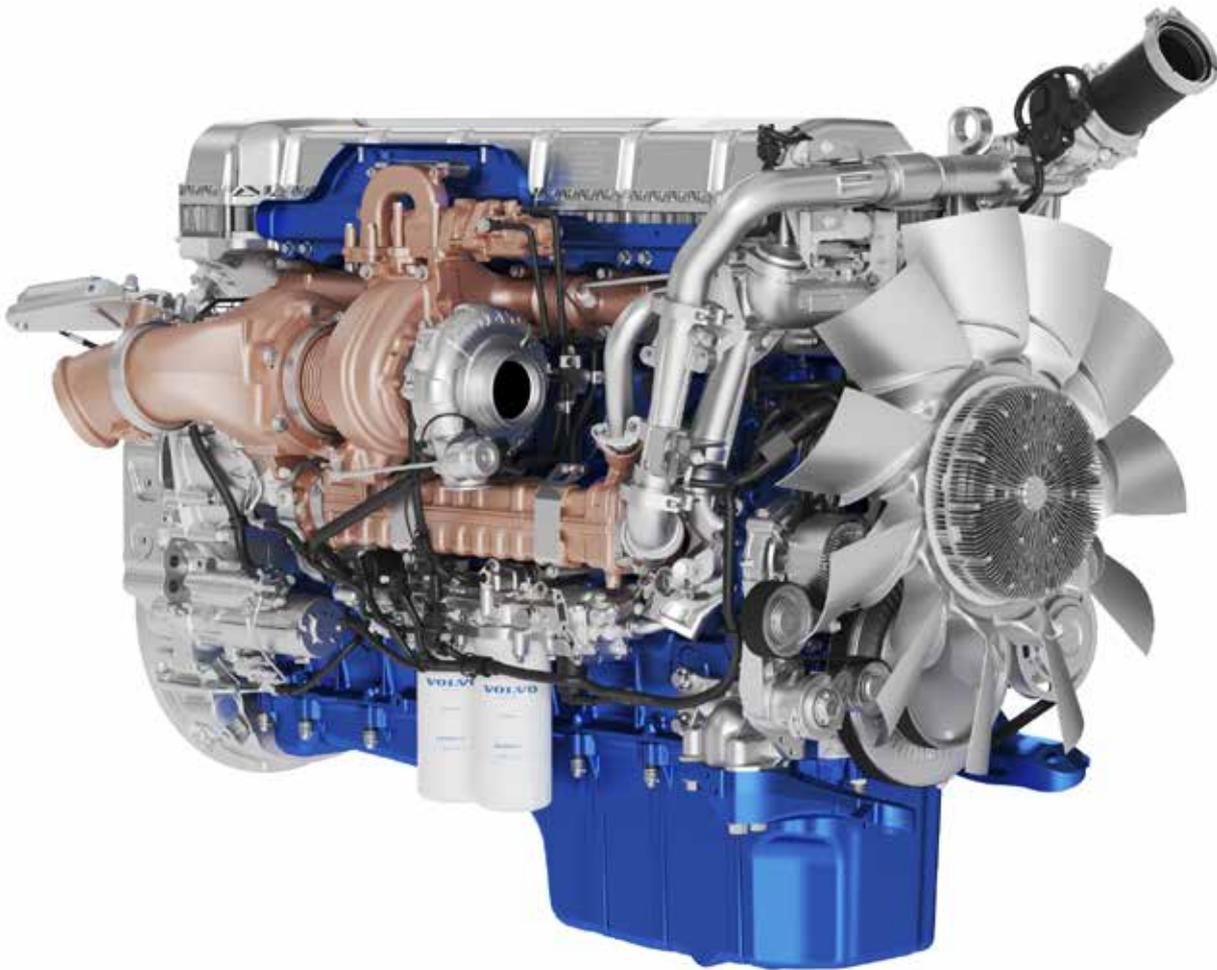
The power-steering pump with variable displacement can have a positive effect on fuel economy – especially when every drop counts.

## Volvo D13TC engine

# Powerful yet fuel efficient

At the heart of Volvo FH with I-Save is the new, state-of-the-art 13-litre engine with Turbo Compound technology. Delivering high torque at low revs, it's our most fuel-efficient engine ever.





## Making best use of energy

Thanks to Turbo Compound technology, the D13TC engine makes full use of the available energy at every stage.

The extra turbine extracts waste energy from the exhaust gases and converts it into mechanical energy. This means that the engine can produce up to 300 Nm higher torque at low revs. In fact, the technology delivers increased efficiency across the whole RPM range – with the best result in the 900 to 1400 RPM span.

### **Two power ratings**

Available in two different power ratings: 460 hp and 500 hp, it is ideal for tractors and rigids, up to 70 tons GCW.

### **Patented pistons**

The D13TC engine features pistons with a patented wave-shaped interior that improves combustion and increases efficiency.

### **Turbo Compound unit**

Excess heat and fuel are re-used to power the engine through an additional turbine in the exhaust flow, called the Turbo Compound unit.

### **Less AdBlue**

In addition to significant fuel savings, the Volvo D13TC reduces AdBlue consumption by around 40% compared to our D13 eSCR engine.

# Saving fuel has never felt so good

At the end of the day, the driver makes the difference. Especially when it comes to driving safely and fuel efficiently. That's why Volvo FH with I-Save is designed to support and inspire the driver, mile after mile. Offering a world-class combination of driveability and comfort that makes every shift more satisfying and productive. Helping to get the job done on time, while making the most of every drop. Yes, saving fuel has never felt so good.





## **Experience Volvo FH with I-Save**

See what you can achieve with the new Volvo FH with I-Save – saving fuel without compromising the joy of the road ahead.

[volvotrucks.com/i-save](http://volvotrucks.com/i-save)

For more information, contact your local dealer.

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