



Volvo Trucks. Driving Progress

VOLVO EURO 6 STEP D ENGINE OIL

Volvo Truck and Bus Centre East Anglia

NEW ENGINE OIL VDS-5 5W/30

The main function of engine oil is to control friction and minimize wear on individual moving parts inside the engine. Engine oil should also absorb heat and protect components against dirt and corrosion – whilst meeting the ever increasing need for emission improvement. Volvo Genuine oil is the oil Volvo Powertrain use when producing Volvo engines. This shows the quality and trust in a product that is considered part of the engine and the vehicle.

Volvo Engine Oil VDS-5 is uniquely formulated heavy-duty diesel engine oil incorporating proprietary additive technology. It is designed to provide optimum performance in all **Volvo 13L Euro 6 step D engines**, in terms of function, performance and durability.

It has been developed together with Volvo's strategic oil suppliers and thoroughly field tested in vehicles in many different environments. It has also been used throughout the engine development and testing phases. This is why Volvo can safely recommend VDS-5 to customers searching for high-quality oil with fuel-reducing features.

This new oil specification comes with significant increased oil quality with the potential to increase uptime. VDS-5 has a lower viscosity which reduces fuel consumption.

VDS-5 has been specifically developed and designed for modern high-output, low emission engines with Exhaust Gas Recirculation (EGR), Selective Catalytic Reduction (SCR) and an after-treatment systems Diesel Particulate Filter (DPF). Giving better protection against oxidation, high temperature viscosity reduction, sludge build up and providing excellent low temperature circulation properties.

IDENTIFICATION

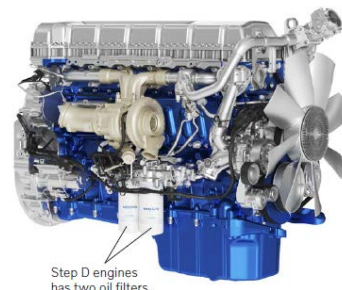
As a reminder for the operator and any technicians working on your Volvo we have fitted a 'Dip Stick' tag and 'Drip Tray' sticker to ensure that they only use VDS-5 5W/30 engine oil when changing or topping up the engine oil on the vehicle.



The **PURPOSE** of these identification items is to highlight to technicians that the engine oil should only be changed/topped up with the new specification of oil moving forward. The same applies to the driver/operator of the vehicle; only VDS-5 5W/30 engine oil should be used if topping up between scheduled service intervals.

IDENTIFICATION

How can you visually see the difference between the old and new D13 engine? Look at the oil filters. **Step D has two oil filters** – whereas previous versions had three.



EXCLUSIONS

Please Note: VDS-5 5W/30 **IS NOT** backward compatible for legacy vehicles – and **MUST NEVER** be used in Euro 4, 5 or Step C Euro 6 Engines. VDS-5 has a lower viscosity which results in lower oil pressure. If VDS-5 is used in older engines the oil pressure may become too low under some driving conditions.

VOLVO

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