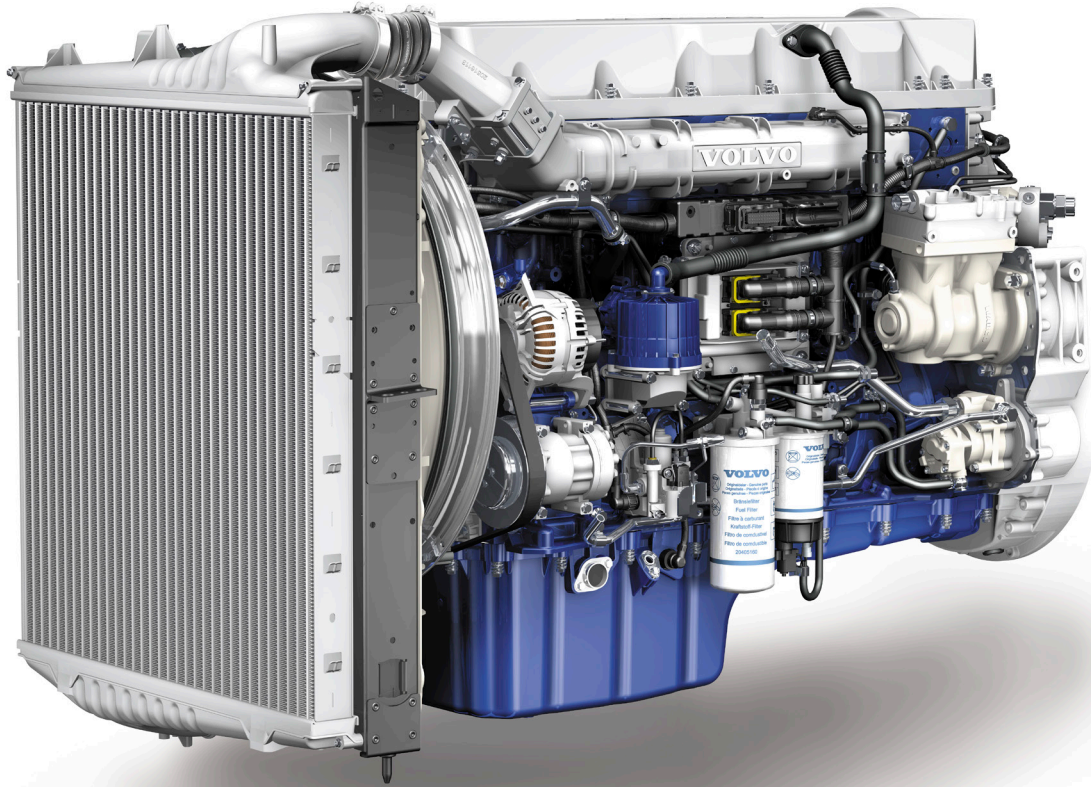


**FACTSHEET - D13 ENGINE**



**VOLVO ENGINE**

The Volvo D13 is a very fuel-efficient, powerful and lightweight engine, designed to meet current and future regulations while improving reliability and lowering operating costs. Several power ratings are available in the range from 440 to 540 hp. The engine provides impressive performance with excellent low-end torque for improved drivability. The new variable geometry turbo also makes the engine very responsive while improving fuel economy. Four Eco-Torque and two Dual-Torque ratings provide "dual-personality" torque output for those customers who desire the high fuel economy of their lower torque levels with the strong performance of their higher outputs. The Volvo D13 engine delivers a reliable, cost-effective and powerful solution -- in a light, high-performance package -- for a wide variety of applications.

**SPECIFICATIONS**

|               | <b>HP</b> | <b>Torque</b> |
|---------------|-----------|---------------|
| <b>Euro 3</b> | 440       | 2.200 Nm      |
| <b>Euro 3</b> | 480       | 2.400 Nm      |
| <b>Euro 3</b> | 520       | 2.500 Nm      |
| <b>Euro 5</b> | 460       | 2.300 Nm      |
| <b>Euro 5</b> | 500       | 2.500 Nm      |
| <b>Euro 5</b> | 540       | 2.600 Nm      |
| <b>Euro 6</b> | 460       | 2.300 Nm      |
| <b>Euro 6</b> | 500       | 2.500 Nm      |
| <b>Euro 6</b> | 540       | 2.600 Nm      |