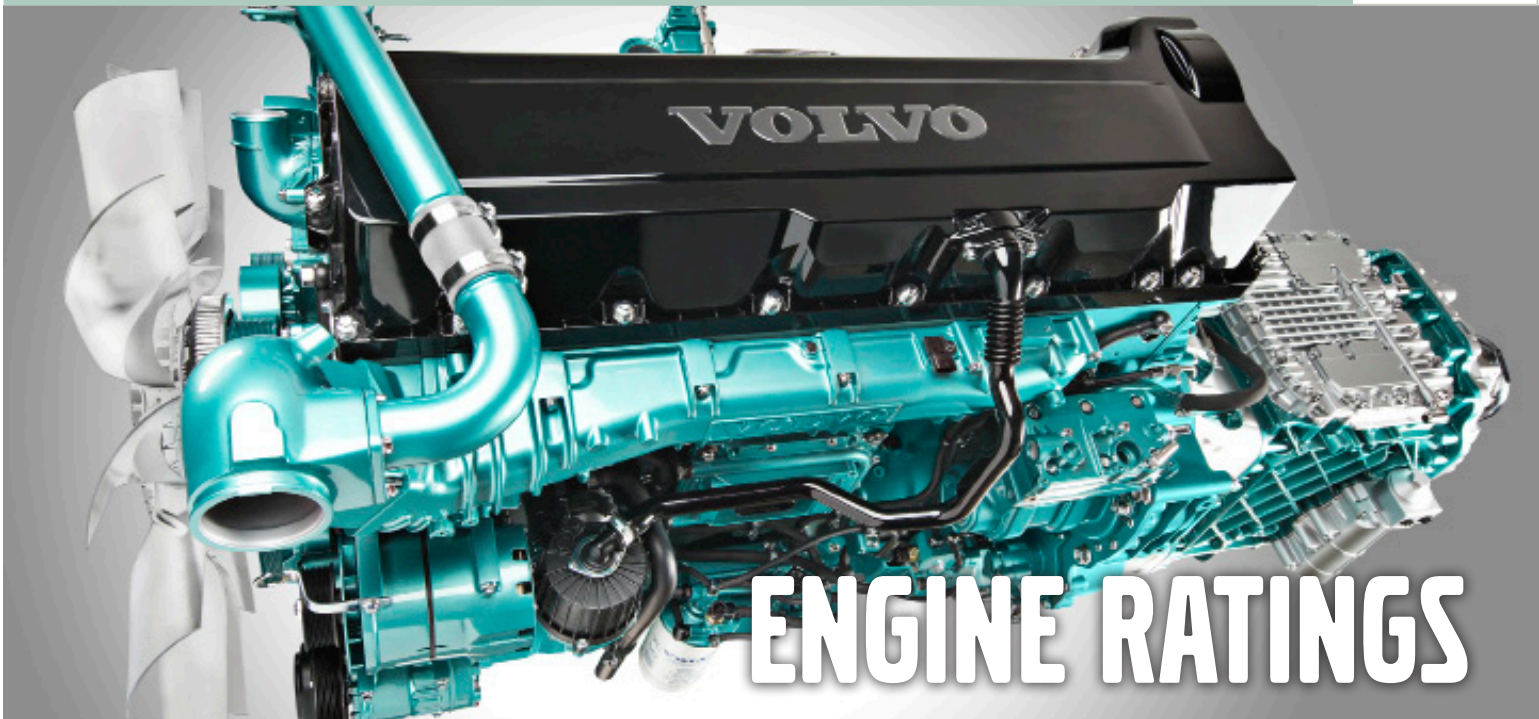


VOLVO SCR ENGINES



ENGINE RATINGS

BASE RATINGS

RATING	HP	TORQUE lb-ft@rpm
D11		
355	355	1250@1050
365	365	1350@1050
385	385	1450@1050
405	405	1550@1050
D13		
375	375	1450@1050
405	405	1450@1050
425	425	1550@1050
435	435	1650@1050
475	475	1650@1050
500	500	1750@1050
D16		
500	500	1850@1100
550	550	1850@1100
600	600	2050@1200

XE PACKAGE

RATING	HP	TORQUE lb-ft@rpm
D13		
425	425	1750@1050
455	455	1750@1050
D16		
500	500	2050@1000

XE Packages provide exceptional efficiency through unique integration with Volvo I-Shift transmission and selected axle ratios and tire sizes to downspeed the engine by 200 rpm or more, slowing the engine and reducing friction, saving fuel.

ECO-TORQUE

	HP	TORQUE Lower Gears	ECO-TORQUE Top Two Gears
D11-385	385	1450	1450
			1250
D13-405	405	1650	1650
			1450
D13-425	425	1750	1750
			1450
D13-455	455	1750	1750
			1550
D13-475	475	1650	1650
			1450
D13-500	500	1750	1750
			1550
D13-500	500	1850	1850
			1650
D16-550	550	1850	1850
			1650

ECO-TORQUE has a dual personality in the top two gears, cruising on the lower torque and switching to the higher torque at low rpm. This encourages low rpm and top gear operation to save fuel. Compared to Dual-Torque, Eco-Torque gives better driveability when dropping more than two gears, while maximizing fuel efficiency.

DUAL-TORQUE

	HP	TORQUE Lower Gears	DUAL-TORQUE Top Two Gears
D13-405	405	1450	1650
			1450
D13-425	425	1450	1750
			1450
D13-455	455	1550	1750
			1550

DUAL-TORQUE, compared to Eco-Torque, allows certain transmissions to be used with a lower torque value. For example, an FRM-152 10B transmission may be applied behind a 425 Dual-Torque rating. However, the engine cannot be uprated at a later date to ratings higher than the transmission rating.

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