

# VOLVO POWER D16 550



## SPECIFICATIONS

### Engine / Vehicle Model Volvo D16 / Volvo VT

Base Engine Configuration	4 cycle / inline 6
2004 Emissions	Cooled Exhaust Gas Recirculation
Aspiration	Sliding Nozzle Variable Geometry Turbocharger
Cam / valve configuration	SOHC / 4 per cylinder
Cylinder head	One Piece, Rigid Construction
Injection system	Electronic Unit Injectors
Electronic management system	VECTRO III
Displacement, cu. In (L)	984 (16.1)
Compression ratio	16.0:1
Bore & stroke, in (mm)	5.67 x 6.50 (144 x 165)
Dry weight, lb (kg)	3036 (1377)

### Rating D16 550 I-Torque D16 550 I-Torque Plus

Advertised power, hp		550
Peak Power, hp		575
Peak Torque, lb-ft @ rpm	1850 @ 1000 rpm	
Governed rpm		2000
High idle rpm		2100
Recommended cruise range, rpm		1300-1550
Start engagement torque, lb-ft @ rpm		1050 @ 800
Torque in low speed gears >5.0:1, lb-ft	1650	1650
Torque in middle speed gears, lb-ft	1850	1650
Torque in high speed gears <2.6:1, lb-ft	1850	1850

### Lubrication (1)

Total oil change capacity, qts (L)	55 (52)
Number of oil filters	2 full flow, 1 by-pass
Oil change interval, miles (km):	
Severe duty, VDS-2 and EO-N Prem Plus oil	20,000 (32,000)
Standard duty, VDS-2 and EO-N Prem Plus oil	35,000 (56,000)

### Engine Equipment

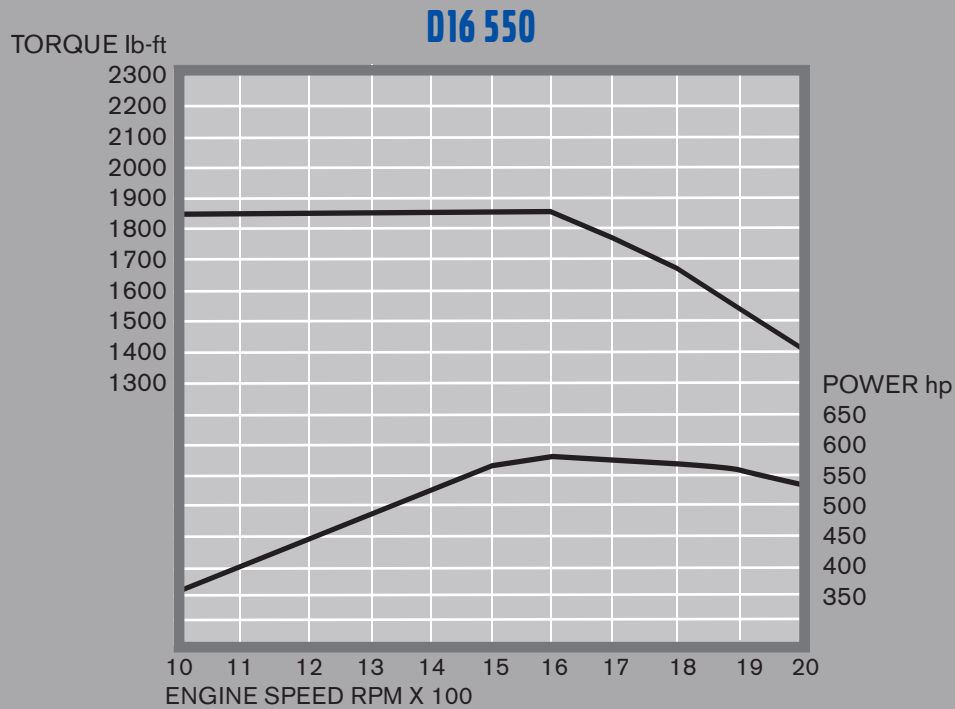
Air compressor flow, CFM	18.7
Volvo Exhaust Pressure Governor (EPG)	standard
Volvo Electric Preheater	standard
Volvo Engine Mounted Primary Fuel Filter	standard
Volvo Engine Brake (VEB)	standard
Retardation at cruise, hp @ rpm	340 @ 1500
Engine brake weight, lb (kg)	25 (12)



# VOLVO

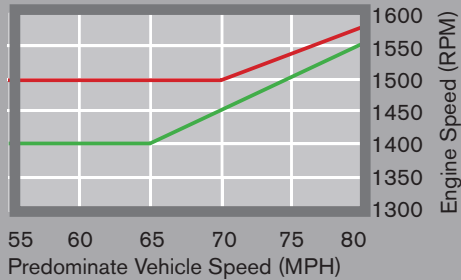
Driving Success™

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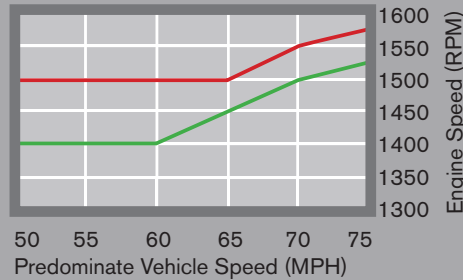


## VOLVO DRIVETRAIN RECOMMENDATIONS

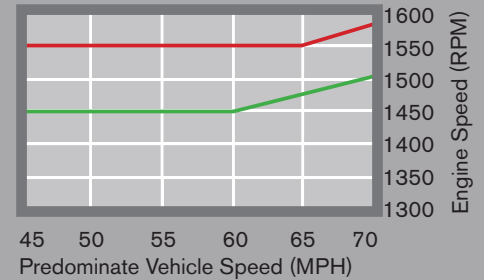
Line haul 80k Lbs GCW



Line haul 80k to 110k Lbs GCW



Line haul >110k Lbs GCW



— Maximum Performance  
— Maximum Fuel Economy



# VOLVO

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