Green Operator

Engine Family Plate Location Guide

The Port of Virginia's clean engine program

The Port of Virginia Green Operator Program provides funds to replace older vehicles with ones with more emission-efficient engines and recognizes partners for achieving goals that reduce air pollution and greenhouse gases associated with the transport of cargo through The Port of Virginia.

The EPA engine family name is a 12 character number/letter designation included on the engine nameplate for all heavy duty truck engines sold in the United States. In general, the nameplate is permanently affixed to the engine. The exact location and appearance of the nameplate varies by engine manufacturer. Examples of nameplates from three major engine manufacturers are included below:

Caterpillar Engine Example CATERPILLAR INC. IMPORTANT ENGINE BE OF MATION / AVIS IMPORTANT MXS61762 466 (625) CATERPI'L AR INC. IMPORTAN DISPLACEMENT 15.2 L -UDEL: C15 MODELE MOTEUR C15 -CYL. 15.2 L - JEU SOUPAPES: ADM. 0. SER NO. MXS04730 ENGINE MODEL C15 CERT NO. RATED REGIME LOWID KW (HP) FAMILY MAX MODIFICATION NO. SPEED NOMINAL SPEEL ENGINE DE ADV MAXE AR NO. 261-5245 ECM SOFTWARE 264-0068 kW (HP) PUBLIES (RPM) tr/mn FAMILY MOTEURS CORE AR 248-5546 1800 PERF SPEC OK 5925 5CPXH0928EBK 466 (625) THIS C15 ENGINE CONFORMS TO U.S. EPA AND CALIFORNIA REGULA OEM NO. E1J4G1B5DH95AG9L9E INTENDED SERVICE APPLICATION AS A HEAVY HE FTS (SLOPE) -17

Caterpillar Nameplate (2 labels): EPA Family Name – 5CPXH0928EBK

Engine Model Year - 2005

Engine Horsepower – 475 HPVI.0 02/08/2010

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ADV

354.0 kW MAX A SERVICE TOOL TO VERIFY CURRENT ENGINE SETTINGS



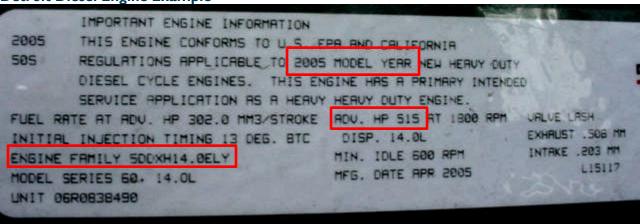
Cummins Engine Example



Cummins Nameplate: EPA Family Name – 4CEXH0912XAJ

Engine Model Year - 2004 Engine Horsepower – 400 HP

Detroit Diesel Engine Example



Detroit Diesel Nameplate: EPA Family Name – 5DDXH14.0ELY

Engine Model Year - 2005 Engine Horsepower – 515 HP

A special thanks to our funding partners

The Green Operator Program developed by The Port of Virginia offers truck owners rebate incentives to purchase diesel trucks with more emission-efficient engines.

The Port of Virginia, through grants from the US Department of Transportation, the Virginia Department of Transportation, and the Hampton Roads Transportation Planning Organization has committed funding to expand the program's reach and impact.

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