

CT525

19434598 

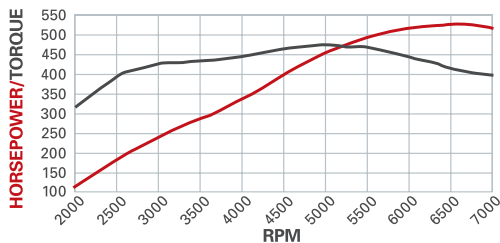
533 hp

@ 6,600 rpm

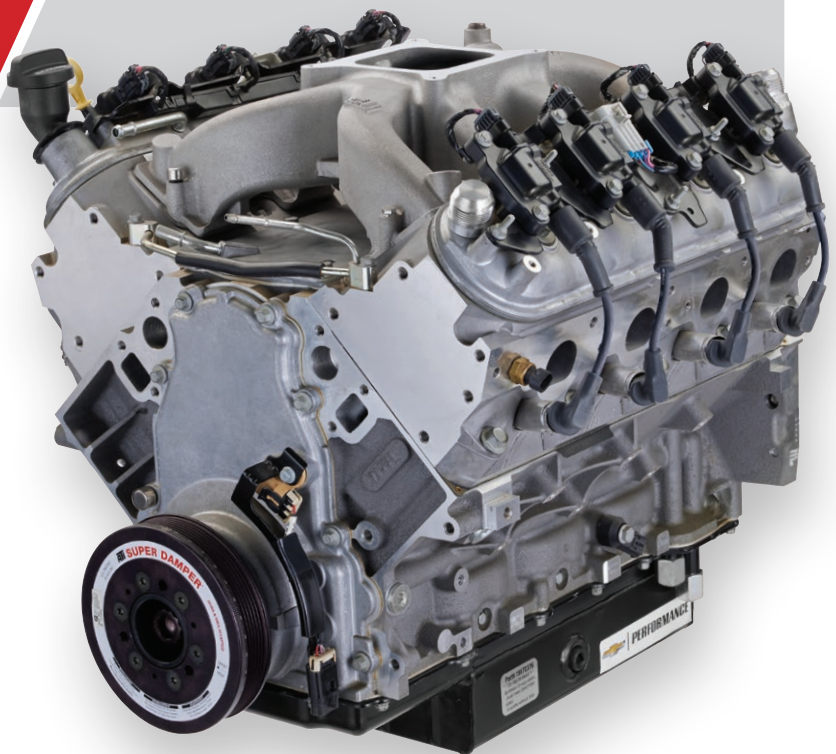
477 lb.-ft.

@ 5,200 rpm

DYNO CHART



NOTE: Refer to page 12 for the complete horsepower and torque testing procedures.



High-RPM LS Performance with Forged Pistons

Chevrolet Performance's deep-breathing, high-revving CT525 6.2L crate engine is assembled with strong forged pistons designed to support its performance capability and enhance its durability.

The CT525 is based on the LS engine family and is similar to the 6.2L LS3, but we've adapted it to circle track racing with a carbureted intake manifold, 6-quart racing oil pan, heavy-duty engine bearings and more. It's a combination rated at 533 horsepower at 6,600 rpm and a strong 477 lb.-ft. of torque at 5,200 rpm, per Chevrolet Performance testing. The engine assembly comes with coil-on-plug ignition and an SFI-certified balancer. All that's needed to complete the assembly is a carburetor, starter and our LS/LSX ignition controller (P/N 19355863)—all available from Chevrolet Performance.

INSTALLATION NOTES

- Use LS/LSX ignition controller P/N 19355863 (not included). See page 121
- Requires addition of carburetor, starter, fuel system, exhaust system and front accessory drive system
- The 6-quart circle track oil pan is designed to clear most GM rear-steer chassis with stock engine location
- The engine is designed for circle track racing only. It is not intended for street use
- The CT525 does not include a water pump or factory exhaust manifolds
- Chevrolet Performance Circle Track racing engines include anti-tampering seals installed

Mobil 1 is the recommended engine oil for all Chevrolet Performance Engines

TECH SPECS

Part Number:	19434598
Engine Type:	LS-Series Gen IV Small-Block V-8
Displacement (cu in):	376 (6.2L)
Bore x Stroke (in):	4.065 x 3.62 (103.25 x 92mm)
Block (P/N 12729604):	Cast aluminum with 6-bolt, cross-bolted main caps
Crankshaft (P/N 12736809):	Nodular iron
Connecting Rods (P/N 12649190):	Powder metal with ARP bolts
Pistons (P/N 19418214):	Forged aluminum
Camshaft Type (P/N 88958770):	Hydraulic roller
Valve Lift (in):	.525 intake / .525 exhaust
Camshaft Duration (@.050 in):	226° intake / 236° exhaust
Cylinder Heads (P/N 12675871):	LS3 rectangular port; aluminum as-cast with 68cc chambers
Valve Size (in):	2.165 intake / 1.590 exhaust
Compression Ratio:	10.7:1 Nominal
Rocker Arms (P/N 12696105 int):	Investment-cast, roller trunnion
Rocker Arms (P/N 12681275 exh):	Investment-cast, roller trunnion
Rocker Arm Ratio:	1.7:1
Recommended Fuel:	Premium pump
Maximum Recommended rpm:	6,700
Reluctor Wheel:	58x
Balanced:	Internal



This Chevrolet Performance Racing Crate Engine is purpose-built for racing only, and has no warranty.



Chevrolet Performance does not utilize any used or remanufactured parts in this crate engine, except for the starter, alternator and power steering pump.



This part is intended for competition use only. See page 2 for complete details.