



Our energy makes yours cleaner

IMPCO Europe Technologies develops, manufactures and markets custom-made systems and products that support the use of clean burning gaseous fuels and reduce emissions from internal combustion engines to the lowest levels.

Through the years, we have become an experienced partner for Original Equipment Manufacturers (OEM's) and our distributors. Due to our strong commitment to quality, we have built an experienced team dedicated to meet our customers needs as well as producing products in accordance with the high emission standards.

Our experience and dedication to the market have made us the leader in the material handling gaseous fuel industry in Europe. IMPCO Europe Technologies is ISO 9002 certified since 1994 and more recently received the ISO 9001 : 2000 certificate in 2001.

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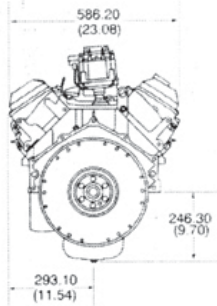
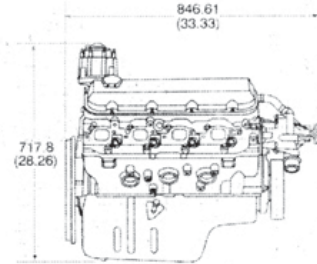
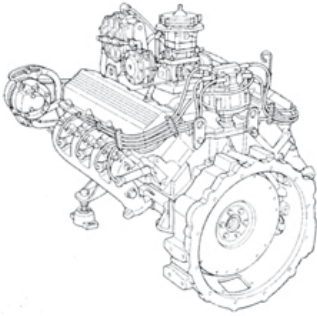
GM 7.4 L. V8 engine



252 hp @ 3000 rpm

For over forty years IMPCO has led the industry in gaseous fuel technology and engine system development. Now, we have combined the two to provide a new set of cost-effective, value-innovative industrial engine packages.

All IMPCO engine packages are designed for applications that range from material handling and power generation to agriculture equipment.



Specifications:

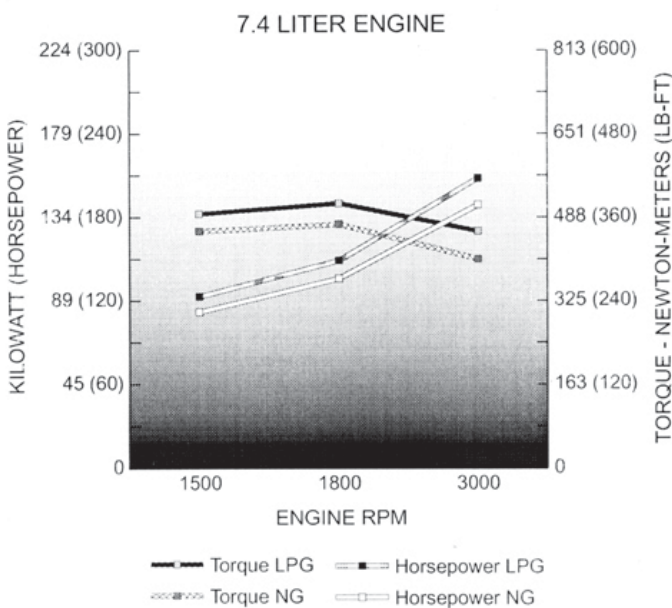
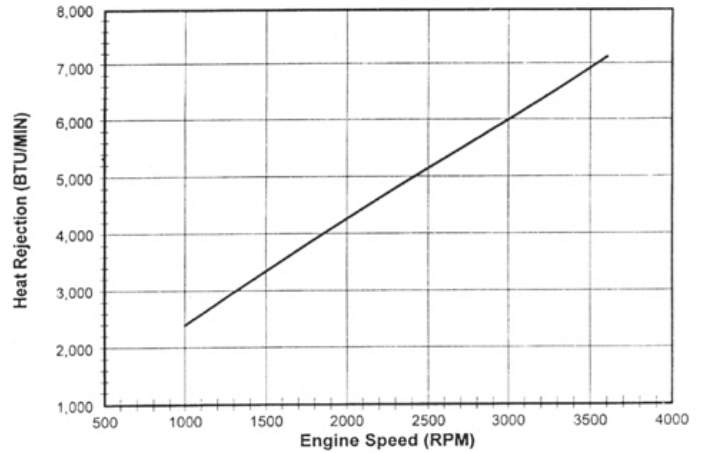
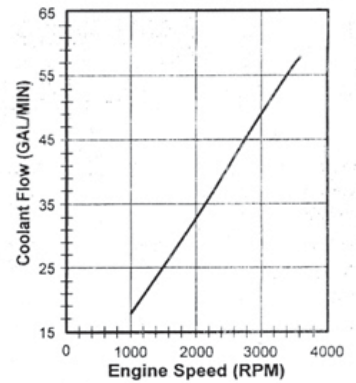
Type: 90° 7.4L V8
 Displacement: 454 cid (7441.06 cc)
 Compression ratio: 8.9:1
 Valve configuration: Pushrod actuated overhead valves
 Manufactured: Tonawanda, New York
 Valve lifters: Hydraulic rollers
 Bore X Stroke: 4.25x4.00 in (107.95x101.60mm)
 Main bearing caps: 4 bolt
 Balance method: External
 Intake manifold: TBI, carburetor or fuel mixer
 Firing order: 1-8-4-3-6-5-7-2
 Oil pan capacity: 8 qt.
 Engine rotation: clockwise (from front)
 Fuel type: gasoline, LPG, NG
 Paint protection: Painted
 Shipping weight: 659 lbs. (299kg)
 Materials:

Block: Grey iron
 Cylinder head: cast iron
 Intake manifold: cast iron

Water pump flow measured at WOT operation through engine block with thermostat installed and blocked in open position.

10 kPa (1.5 psi) maximum pump inlet restriction.

1.25:1 pump pulley ratio.



Features:

- Nodular iron crankshaft has undercut and rolled fillets for increased durability
- World-class engine sealing system for superior leak protection
- Sintered iron exhaust valve seat inserts for enhanced durability
- Pistons have high silicon content for improved durability and noise reduction
- Designed for use with gasoline, LPG and NG
- A 4-BBL dual-plane cast iron intake with Quadrajets carburetor flange
- Hydraulic roller lifter camshaft is optimized for performance
- Common rear face on most GM Powertrain engines for easy hookup with housing
- Dynamically balanced at hot test