

# 10.3L



Your starting point for powerful, reliable industrial engines.

## 10.3L INDUSTRIAL ENGINE

### FEATURES & BENEFITS

- Hydraulic roller valve lifters for **reduced friction and improved performance**
- Engines are balanced for **minimal vibration** and a smoother running engine
- Piston oilers for **cooler piston crown temperatures** and increased wristpin lubrication
- Large capacity oil pan features port and starboard drain plugs for **easier maintenance**
- Stellite-faced exhaust valves; stainless steel intake valves ensure performance in **extreme duty applications**
- Hardened valve guides for **longer life**
- Cylinder heads feature hardened exhaust and intake seats for **outstanding durability**
- Hydraulic roller lifter camshaft, **optimized for industrial applications**
- Coil-near-plug ignition** includes crankshaft, camshaft, coolant, and oil pressure sensors; as well as eight ignition coils
- Hypereutectic pistons specialized for **extreme duty**
- EPA and CARB certified packages available to **meet environmental regulations**



Extreme duty valves and valve seats deliver unmatched durability.



Coil-near-plug ignition delivers increased durability and optimized blend of horsepower to exhaust emissions.



Integrated piston oilers lower piston crown temperatures.

877.667.6360

OriginEngines.com

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## SPECIFICATIONS

Type:	10.3L V-8
Displacement:	632 cid
Engine Orientation:	Longitudinal
Compression Ratio:	10.5:1
Valve Configuration:	Overhead Valves (2 valves per cylinder)
Assembly Site:	USA
Valve Lifters:	Hydraulic Roller
Bore x Stroke:	116.84mm x 120.66mm
Main Bearing Caps:	4-Bolt main
Balance Method:	Internal
Intake Manifold:	Single Plane
Fuel System:	Optional
Fuel Type:	Carburated LP & NG
Oil Pan Capacity:	12 qt with filter
Engine Rotation:	Counter-Clockwise
Horsepower:	PEAK Corrected to SAEJ1349 310 hp @ 2800 rpm <span>Propane</span> 280 hp @ 2800 rpm <span>Natural Gas</span>
Torque:	615 lb-ft @ 1800 rpm <span>Propane</span> 560 lb-ft @ 1800 rpm <span>Natural Gas</span>
Shipping Weight:	792 lbs.

## Materials:

Block:	Cast Iron
Cylinder Head:	Cast Iron
Intake Manifold:	Aluminum
Crankshaft:	Forged Steel
Camshaft:	Steel Billet Roller
Connecting Rods:	Forged Steel
Pistons:	Hypereutectic Moly Coated
Exhaust Seat:	Industrial Grade Super Alloy
Intake Seat:	Industrial Grade Super Alloy
Intake Valves:	Stainless Steel
Exhaust Valves:	Stellite/Inconel

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