When you choose an engine supplier, you want the confidence you will receive high-quality engines at a fair price with an excellent warranty. Built with the latest industry-leading technology, the engines we sell have no equal. Call today to find out more about the best engine supplier you’ve never heard of. We sell confidence.

300 Ford Industrial

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**Visual**
- 100% visual inspection, sorting and grading of core during tear down.

**Cylinder Block**
- Each cast iron block is magnafluxed for cracks and checked for any visible damage to the block or threaded holes before being repainted to the original color. The six CNC machining used in the remanufacturing of our engines are programmed to precise specifications that meet or exceed those established by the OEM for each engine block.
- After the engine block is bored, decked and chamfered, each cylinder is honed with the specified cross-hatch pattern. Quality audits are performed to ensure that the cylinder size, finish, and roundness meets original specifications.

**Crankshafts**
- Crankshafts are machined on a fully-automated CNC crank grinder. This maintains consistency and critical tolerances for each journal.
- All oil galley holes are chamfered and brushed after machining and the crankshaft is given a final wash to ensure cleanliness.
- Each crank is inspected for cracks, bow and applicable run-out specs for rod and main journals.

**Connecting Rods**
- Each connecting rod is measured against stringent specifications for bend, twist, and center-to-center length before use.
- The piston pin bore and bearing bore are measured with air gauges for proper dimensions.

**Cylinder Heads**
- Every head is resurfaced and completely inspected for any visible damage or cracks.
- Valve seats are machined, inspected and replaced if necessary.
- The cam bore is checked and machined if required.
- Only brand-new valves and seals are used in every head.
- All plugs and fittings are replaced with new pieces to protect against possible coolant leaks.

**Pressure Decay Testing of Long Block Assemblies**
- Coolant passageways - All engine assemblies quantified for water jacket, head gasket, and casting leakage.

**Complete Engine Testing**
- Sims testing - Engines are cold-motored and checked and measured for proper torque-to-turn, cylinder compression, oil flow, oil pressure, as well as audibly monitored for any unusual noises.
- Live Run - Engines are hot tested and checked for correct timing, oil pressure, coolant temperature, and vacuum. Engines are tested for oil and coolant leaks.

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Type: 4.9L V8  
Displacement: 300 CID (4900cc)  
Compression: 8.0:1  
Valve Configuration: Overhead/Pushrod Actuated  
Valve Lifter: Hydraulic Roller  
Bore x Stroke: 4.00 x 3.98 in (101.60 x 101.1mm)  
Main Bearing Caps: 2-Bolt  
Balance Method: External