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**WATER EROSION, CYLINDER BLOCKS**

Water erosion on the deck of 3500 Series engine blocks is common and leads to premature failure. Proper cooling system maintenance helps minimize exposure to this failure mode, but is often not enough. A strong repair strategy at overhaul can eliminate this risk for the life of the component, giving you better reliability and long-term performance.

Commonly found around coolant passages, severe erosion leads to coolant leaks. This can be prevented without sacrificing the integrity or life of the block.

With one of the most advanced block departments in the world, B&G offers a solution that extends the life of the block. Using our programmable 3-axis CNC block machines, we can identify each of these water passages in their exact location. Each passage is then machined to allow proper press fit. Non-corrosive inserts are installed and machined using 3-axis programming. Finally, the entire block deck is surfaced for proper gasket sealing characteristics.

**INSTALLING NON-CORROSIVE DECK INSERTS OFFERS**

- ◆ **Eliminates future water passage erosion on the deck**
- ◆ **Proper gasket and ferrule sealing**
- ◆ **Long-term reliability**

With five (5) automated block machining centers capable of repeating to within .0001", B&G Machine's finished blocks always exceed OEM standards, which is why customers worldwide look to us as the premier solution for high quality and precision.

If you have questions or would like additional information, visit: [www.bandgmachine.com](http://www.bandgmachine.com) or call (800) 645-2384.