



# A Costly 5 % Leakage Rate Eliminated



“A high leakage rate was causing warranty claims and production delays. LOCTITE’s Engineering Solutions Expert helped us completely eliminate the problem.”

A manufacturer of cast iron gear boxes and geared motors experienced a 5 % leakage rate using a competitor’s liquid gasket on the adapter assembly flange. This was costly due to both leakage-related warranty claims on purchased units and testing and production delays caused by the slow cure rate. The competitive product also made it difficult to disassemble and repair the gearbox. **LOCTITE 518** Gasket Sealant was an ideal solution, offering a complete seal, quick curing, and easy disassembly.

A LOCTITE Engineering Solutions Expert showed the plant’s team how to clean flange surfaces and dispense **LOCTITE 518** in a continuous bead. Immediately following assembly, **LOCTITE 518** fills the gaps between the flange surfaces and the products can be instantly pressure tested to 2 bar. Leaks have now been eliminated and disassembly is easier for customers.

## **BENEFITS**

### **LOCTITE 518 Gasket Sealant:**

- Seals more effectively, eliminating leakage during operation
- Sustains low pressure testing of 1 bar immediately upon assembly
- Easily disassembles with a small amount of cleavage force