



**LOCTITE**<sup>®</sup>

# **GAS REGULATOR MANUFACTURER ELIMINATES LEAKS WITH LOCTITE<sup>®</sup> THREAD SEALANTS**

LOCTITE<sup>®</sup> 567<sup>™</sup> THREAD SEALANT



Henkel Adhesive Technologies



**Challenge**

A US manufacturer builds gas regulators for the beverage dispense industry. They were looking for a sealant on their threaded components that must seal against gas leakage and be NSF approved. Their current application was a messy sealant application that contaminated pressure gauge lenses during assembly. Consideration was given to removing the lens prior to production, but this would increase labor costs.

**Henkel Solution**

A LOCTITE® expert came in and recommended LOCTITE® 567™. The thread sealant is applied to the threaded components with the LOCTITE® pro pump and pressure tested 2 minutes after assembly. The regulator gauge lenses now remain clean throughout the assembly process and are leak-free assembly using a single NSF-approved product.

**Benefits**

The manufacturer improved process cleanliness, leading to a 40% reduction in adhesive waste. In addition, they reduced labor costs by eliminating the swapping of gauge lenses. Finally, reducing failure rates during test and calibration lead to increased product quality.

