



**LOCTITE**<sup>®</sup>

# **CUT GASKETS ELIMINATED IN PUMPS WITH THE HELP OF LOCTITE<sup>®</sup>**

LOCTITE<sup>®</sup> **518**<sup>™</sup> FLANGE SEALANT



Henkel Adhesive Technologies



### Customer Challenge

A pump manufacturer was using cut gaskets but was not happy with leakage that occurred with them when putting pumps together. They also were concerned about the amount of inventory that the cut gaskets took up. They needed to eliminate leakage and inventory and build more reliable pumps. They also needed a solution that fit over 40 different pump sizes and reduced the number of bolts used.

### Henkel Solution

The LOCTITE<sup>®</sup> engineer came into the manufacturer and introduced them to LOCTITE<sup>®</sup> 518<sup>™</sup> flange sealant – a cut gasket eliminating anaerobic sealant. LOCTITE<sup>®</sup> 518<sup>™</sup> forms a flexible chemically resistant seal that will not tear or decay. It seals instantly against low pressure and is versatile enough for many different pump designs and sizes.

### Results

After testing, the manufacturer saw that leakage was no longer an issue on any of the pumps when using LOCTITE<sup>®</sup> 518<sup>™</sup>. Because of this they were able to stop using the cut gaskets, completely eliminating inventory and saving space within the plant. It also reduced the labor time required to put in the cut gaskets. This was a major success for the company saving time and costs.

