

LOCTITE*Adhesives for more
reliable assemblies***APPLICATION CASE HISTORY****No. 202**

Gasket Eliminator® 515 Replaces Cut Gaskets In Gear Box Housings

Labor Costs and Oil Leakage Reduced

Problem:

With over 100 gear boxes on this steel company's roll line, maintenance is a costly expense. Replacement of shear pins is frequent, making disassembly a regular maintenance chore. The high vibration and heavy shock loads experienced by the gear boxes loosen the bolts which mount the housing. Cut gaskets were used to seal the end bells, but leaks were a real problem.

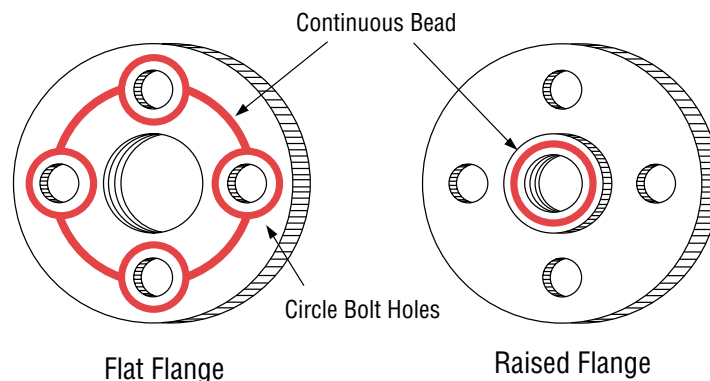
Solution:

Loctite® Gasket Eliminator® 515 is a general purpose anaerobic sealant primarily used for making flexible gaskets. Better able to withstand vibration, liquid gaskets provide a more precise and reliable seal than cut gaskets. Gasket Eliminator is now applied to both front and rear bell housings of the gear boxes, replacing cut gaskets.

Results:

Using Loctite Gasket Eliminator instead of cut gaskets provided many cost-cutting improvements for our customer:

1. No need to inventory pre-cut gaskets.
2. Downtime was significantly reduced due to fast repair time.
3. Costly oil leakage and cleanup stopped.



Flat Flange

Raised Flange

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