

Paper Mill Seals Leaky Gear Box With Loctite® 587™ Blue High Performance Oil-Resistant Silicone *Eliminates Oil Loss and Associated Labor Costs*

Situation:

For years a pulp and paper mill in British Columbia, Canada endured oil seeping from the gear box of the Diamond Roll machine. Maintenance personnel repeatedly replaced the seals on the gear box cover, but puddles still formed on the top of the equipment. After many hours of labor and gear oil loss, they knew there had to be a better solution.

Solution:

Loctite® 587™ Blue High Performance Silicone is an industrial grade sealant for gasketing applications. It is three times more oil resistant than other silicones, and two times stronger between oily surfaces. Loctite 587 Blue is non-corrosive to aluminum, iron and steel, produces no vinegar odor, and withstands temperatures to 500°F intermittent.

During a regularly scheduled shutdown, maintenance personnel applied the one-component, ready-to-use Loctite 587 Blue in a continuous bead around the gear box mating surface. The cover was then replaced and the machine was ready for use after a one-hour cure.

Results:

Loctite 587 Blue High Performance Silicone formed a reliable gasket that lasted until the next required maintenance. The mill has reduced oil consumption and kept their equipment cleaner. In addition, needless labor costs have also been eliminated.



Loctite® 587™ Blue High Performance Silicone was able to seal the cover of the gear box on this Diamond Roll, eliminating oil leakage and associated labor costs.

USA

Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067
Tel: 860.571.5100
Fax: 860.571.5475

CANADA

Henkel Canada Corporation
2225 Meadowpine Boulevard
Mississauga, Ontario L5N 7P2
800.263.5043 (within Canada)
Tel: 905.814.6511
Fax: 905.814.5391

MEXICO

Henkel Capital, S.A. de C.V.
Calzada de la Viga s/n Fracc. Los Laureles
Loc. Tulpetalac, C.P. 55090
Ecatepec de Morelos, Edo. de México
Tel: 011.52.55.5836.1300
Fax: 011.52.55.5787.9004