

LOCTITE*Adhesives for more
reliable assemblies***APPLICATION CASE HISTORY****No. 252****LOCTITE® INSTANT GASKET SAVES
\$3,500 IN MINING DRILL REPAIR*****No waste, no leaks, and labor savings of 66%*****Situation:**

A Canadian division of a worldwide mining construction provider specializes in all phases of mine development and plant construction, including shaft sinking, surface and underground construction, and contract mining services. In addition to designing and constructing all the pieces that are affiliated with mining development today, they also supply and service their own drilling equipment. The company's Down Ream Raise provides a safe alternative to conventional raiseboring operations. As with any piece of equipment though, proactive maintenance is important and necessary.

In one particular instance, the gear box assembly of an in-service down ream raise was down. Since the service work is done in the field, maintenance technicians usually carry among other tools, a variety of cut gaskets.

Solution:

Prior to this job, Wayne Poisson, a distributor sales representative from National Bearings, brought a can of Loctite® Instant Gasket for the company maintenance team to sample.

Just one can of Loctite Instant Gasket makes gaskets of any size or shape, eliminating the costly need to stock, source, or measure hundreds of different sizes or shapes of industrial or automotive cut gaskets. It's easy to use with no waste or mess, forming a durable, tough rubber gasket.

It provides an instant seal for most applications, so equipment and machinery can be returned to service immediately — there's no waiting for sealants to cure, thus reducing costly downtime. Instant Gasket is an ideal replacement for most rubber, felt, paper, and cork cut gaskets found on compressors, gearboxes, oil pans, side covers, stamped sheet metal covers, and more.

**Results:**

According to the service technician on the job, when he took out the can of Loctite Instant Gasket, "a crowd of people gathered around to see this can make all the different size and shape gaskets needed to reassemble the drill."

The service technician cut rebuild time on the gear box by 66%, saving approximately \$3,500 on labor and downtime alone, with no leaks and no waste.

Loctite Americas

U.S.A.
Loctite Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067
860-571-5100
Telefax: 860-571-5465

CANADA
Loctite Canada Inc.
2225 Meadowpine Blvd.
Mississauga, Ontario L5N 7P2
800-263-5043 (within Canada)
905-814-6511
Telefax: 905-814-5391

MEXICO
Loctite Company de México, S.A. de C.V.
Calzada de la Viga s/n, Fracc. Los Laureles
Loc. Tulpetlac, C.P. 55090
Ecatepec de Morelos, Edo. de México.
01-800-8499-412
Telefax: 011-525-787-9404