

MEDIA RELEASE

## Garlock displaying latest fluid-sealing technologies at QME

**Garlock** will display some of its fluid-sealing technologies on **Stand 6003** during the 2008 Queensland Mining and Engineering (QME) exhibition at the Mackay Showground from July 22-24.

In business for more than 120 years, Garlock has a history of providing sealing solutions and water savings.

Among the products Garlock will feature will be:

- A **HydraJust** gland seal, which installs in place of a traditional gland packing or mechanical seal. Using as little as 12 litres an hour, the HydraJust can reduce reliance on water flush in pump stuffing boxes by millions of litres of water a year for one pump. HydraJust also eliminates product dilution, another cost-reduction incentive in a wide range of plants
- A **GPA slurry seal**, which has a rubber coated cone spring to protect seal components from harsh abrasive slurry applications while providing improved service life compared to traditional gland packing. The seal can operate in virtually all known slurry pumping applications and can be arranged to operate with a grease lubrication system eliminating the need for water flush
- A split bearing isolator (**Guardian**) to provide bearing protection beyond commonly used lipseals, achieving longer service life for bearing cartridges. The split isolator does not wear the shaft or itself, meaning longer equipment operational life. It can be installed insitu on large rotating equipment, reducing downtime and turnaround.

Garlock also offers products and services to help sites reduce reliance on water. Its water flow monitoring program using its Controlotron 1010 flowmeter identifies the existing water usage for each stuffing box (something which is usually not known) and along with new applied product technologies shows the amount of water being saved for each application.

The combination of new sealing technologies that reduce or eliminate waste to the environment and monitoring of water usage provides every plant with maintenance improvement and cost reductions.

Garlock's products also provide containment of hazardous fluids and materials that would otherwise damage the environment. Many of these products provide levels of emission containment, or reduction of water usage previously not thought possible.

### Further information:

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