

SafeZone™

Chargeless Accumulators

The H I Mining patent (IP) protected deforming compound insert has two standard operating parameters listed below. These are capable of fitting to both systems that are currently utilizing a two (2) piece accumulator housings using diaphragm or bladder designs with NO modifications required.

Low Pressure Accumulate Insert

Deforming Compound Insert Technical Details; *(insert compound a trade secret)*

Low Pressure Deforming Compound Accumulator Insert			
✓	Hydraulic Systems to 2500 psi	✓	Replaces Nitrogen (N ⁷) Charge to 600 psi
✓	Safe	✓	Less Maintenance
✓	Less Down Time	✓	Reduced Ongoing Costs
✓	Enter Service Exchange Program	✓	No Modifications Required

The low-pressure accumulators have undergone rigorous workshop testing over the past two (2) years with NO sign of failure. In the last three (3) months this system has also been tested in a fully operational production Drill rig owned by Mass Drill & Blast of Perth, Western Australia and has been able to reproduce the same performance as the traditional Nitrogen (N⁷) charged accumulators. The Safezone™ accumulators have achieved the same penetration rates and meters drill as the charged system, with NO need for the ongoing maintenance require by the charged systems.