

Distribution and Storage Division

Technical Service Bulletin

Component Change

Date:

July 1, 2004

Subject:

Liquid Cylinder Relief Valve

Tank Models Affected:

All Chart DOT 4L cylinders

Description:

Chart's DOT 4L cylinders are equipped with a relief valve and a secondary burst disk for the purpose of safety relief. These cylinders are now equipped with relief valves having an improved design and named by the manufacturer as the LCV (Liquid Cylinder Valve) design series. Relief valves of this series are designed specifically for use on liquid cylinders. They are not intended as safety devices for process piping.

LCV design improvements:

- A "Weeping" mechanism maintains a tight operating pressure band and eliminates the disruptive "pop" characteristic of standard relief valves.
- Poppet design resists contamination.
- Flow capacity exceeds industry and regulatory requirements for DOT 4L cylinders.

For field upgrade, the LCV relief valves are available at www.ChartParts.com using the following part numbers:

11884770	1/4MPT 22PSI
11884796	1/4MPT 230PSI
11884788	1/4MPT 350PSI
11892956	1/4MPT 500PSI

This component change is a result of Chart's dedication to continuous product improvement. If you have concerns or questions relative to this action, please contact your Chart Technical Service Representative at 800-400-4683.

Thank you for depending on Chart to provide high product quality and service.

