



Flow Control

**Anderson Greenwood  
Crosby**

This Product Advisory is provided  
by Tyco Valves & Control.

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## **PRODUCT ADVISORY YOUR ATTENTION IS REQUIRED**

Tyco Valves and Controls provided your company with Crosby JLT pressure relief valves for liquid applications that fall under the following product advisory. We ask for your immediate attention to this matter and to follow the recommendations listed below.

The actual flowing capacity for the Crosby JLT liquid pressure relief valves listed in this advisory may not meet the ASME "rated" capacity (as stamped on the nameplate) at the ASME required 10% overpressure condition. The valve will open at set pressure and, based on our testing, will flow a portion of its rated capacity at 10% overpressure (see following table for capacity de-rating factors). The valve will obtain its rated capacity at an overpressure of between 12% and 20%. We recommend that you check your required capacity versus the ASME rated capacity to determine the amount of conservatism in each installation.

The cause for this potential non-conformance is the spring used in these valves. The spring selection tables were inaccurate in that the tables specified a spring with a spring rate which may be too high for the adjusted set pressure.

The recommended corrective action is to replace the existing spring.

The scope of this potential non-conformance is limited to the valves listed in the following tables.

<b>JLT-JOS, JLT-JOS-E Liquid Service Only De-rating Factor** = .85</b>	
<b>ORIFICE *</b>	<b>SET PRESSURES LESS THAN</b>
H	740 psig / 51 barg
J	348 psig / 24 barg
K	385 psig / 26.5 barg
L	740 psig / 51 barg
M	285 psig / 19.6 barg
N	285 psig / 19.6 barg
P	285 psig / 19.6 barg
Q	300 psig / 20.7 barg
R	300 psig / 20.7 barg
T	300 psig / 20.7 barg

\*D through G orifices are not affected

<b>JLT-JBS, JLT-JBS-E Liquid Service Only De-rating Factor** = .70</b>	
<b>ORIFICE</b>	<b>SET PRESSURES LESS THAN</b>
D	193 psig / 13.3 barg
E	193 psig / 13.3 barg
F	542 psig / 37.4 barg
G	237 psig / 16.3 barg
H	740 psig / 51 barg
J	348 psig / 24 barg
K	385 psig / 26.5 barg
L	740 psig / 51 barg
M	285 psig / 19.6 barg
N	285 psig / 19.6 barg
P	285 psig / 19.6 barg
Q	300 psig / 20.7 barg
R	300 psig / 20.7 barg
T	300 psig / 20.7 barg

\*\*De-rating factor is applied to the nameplate capacity.

Tyco Valves & Controls has, to the best of our ability, identified the Crosby JLT liquid pressure relief valves that could be affected by this advisory and are notifying our customers of this potential non-conformance. For your convenience, our records show that the items listed in the attached report were directly supplied to your company and could be affected.

Please note that this listing does not include valves which may have been supplied by one of our present or past authorized field assembly locations. Valves supplied by our Assemblers could also be affected by this advisory and we suggest you compare the nameplate set point of these valves to the table above to determine if a spring change is recommended. All Assemblers have been notified of this advisory and can help in identifying valves.

Tyco Valves and Controls is recommending that the springs be replaced on all the valves that fall within this advisory at the next available opportunity.

For valves confirmed to fall within the scope of this advisory, Tyco Valves & Controls will provide a replacement spring, spring washers and gasket set at no charge.

Please contact either your local sales agent listed in the attached report or the factory direct at the numbers shown below to arrange for these components. Prior to this contact please have the following information ready so we can verify applicability and arrange for the shipment of the proper parts.

- a. Valve Model Number
- b. Valve Serial Number
- c. Valve Shop or Assembly Number
- d. Set Pressure
- e. Manufacturers and/or Assemblers Name
- f. Customer Name
- g. Plant location

We appreciate your prompt response to this advisory.

Local Sales Organization Contact Information:

See Attached Report

Factory Direct Contact Information:

Tyco Valves & Controls  
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281-240-6633 (Fax)  
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