

Better performance comes from working together.



**HYDRAFORCE**  
POWER FORWARD

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## Product Improvement: SP and TS valves now feature 1,000-hour salt spray protection

Beginning immediately, all parts listed below (including special variations of these products) will now feature the Zinc Nickel, 1,000 hr (PLT 033) plating.

2 Way SP Proportional Valves
<b>Normally Closed Poppet</b>
SP08-20
SP10-20
SP12-20
SP16-20
SP08-22
SP12-22
<b>Normally Open Poppet</b>
SP10-21
SP10-21
SP12-21
SP16-21
<b>Normally Closed Spool</b>
SP08-24
SP10-24
<b>Normally Open Spool</b>
SP08-25
SP10-25

4 Way SP Proportional Valves
<b>4 Way 2 Position</b>
SP10-41
SP08-46R
SP10-46R
<b>4 Way 3 Position</b>
SP08-47
SP10-47
<b>5 Way 3 Position</b>
SP08-57
SP08-58
SP10-57
SP10-58
<b>SP with Intergral Check</b>
SPCL10-30
SPCL16-30
SPCL10-32
SPCL10-40

2 Way TS Proportional Relief Valves
<b>Increasing Current/Increasing Pressure</b>
<b>Direct Acting</b>
TS08-20
TS38-20
TS58-20
<b>Pilot Operated</b>
TS10-26
TS12-26
<b>Increasing Current/Decreasing Pressure</b>
<b>Direct Acting</b>
TS08-21
TS38-21
TS58-21
<b>Pilot Operated</b>
TS08-27
TS58-27
TS10-27
TS12-27

3 Way TS Proportional Pressure Reducing / Relieving Valves
<b>Pilot Operated</b>
TS80-30
TS98-30
TS98-31
TS90-31
TS10-36
TS12-36
TS12-37

### The HydraForce 1,000-Hour Salt Spray Rating:

The salt spray test is a standardized test method used to check corrosion resistance. HydraForce conducts its salt spray testing according to ASTM Standard B117. The more corrosion resistant the coating, the longer the period in testing without showing signs of corrosion. The HydraForce protective coating is a proprietary plating with a clear coat that has been proven to guard against corrosion with the ability to withstand 1,000-hours of salt spray testing without showing signs of red rust.

Please see below visual for the color variation between the 96 hour and the 1,000 hour plating.

96 hour plating



1,000 hour plating



If you have questions about the new 1,000-hour salt spray protective plating or require Production Parts Approval Process (PPAP) documentation due to the difference in color, contact your HydraForce Regional Sales Manager.

For detailed information and specifications, visit [www.hydraforce.com](http://www.hydraforce.com) or contact your local HydraForce representative at [www.hydraforce.com/distrib/world.htm](http://www.hydraforce.com/distrib/world.htm)

#### HYDRAFORCE, INC.

500 Barclay Blvd. • Lincolnshire, IL 60069 USA  
Ph: +1 847 793 2300 • Fx: +1 847 793 0086  
Web: [www.hydraforce.com](http://www.hydraforce.com) • E-Mail: [sales@hydraforce.com](mailto:sales@hydraforce.com)  
ISO 9001 & QS 9000 • Member: National Fluid Power Association

#### HYDRAFORCE HYDRAULICS, LTD.

Advanced Manufacturing Hub  
250 Aston Hall Road • Birmingham B6 7FE • United Kingdom  
Ph: +44 121 333 1800 • Fx: +44 121 333 1810  
Web: [www.hydraforce.com](http://www.hydraforce.com) • E-Mail: [sales-uk@hydraforce.com](mailto:sales-uk@hydraforce.com)  
Member: British Fluid Power Association and  
Verband Deutscher Maschinen-und Anlagenbau e.V. (VDMA)  
ISO 9001 & ISO 14001

#### HYDRAFORCE HYDRAULIC SYSTEMS (CHANGZHOU) CO., LTD.

388 W. Huanghe Road • Building 15A  
GDH Changzhou Airport Indl Park  
Xinbei District • Changzhou, China 213022  
Ph: +86 519 6988 1200 • Fx: +86 519 6988 1205  
Web: [www.hydraforce.com](http://www.hydraforce.com) • E-Mail: [sales@hydraforce.com](mailto:sales@hydraforce.com)  
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