

**PREVENTING CORROSION DEGRADATION
IN A FLUID-BASED SWITCH**

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Abstract

10 Fluid-based switch and methods for reducing oxides and corrosion
products on switching fluid are disclosed. In one method, oxides are reduced by
depositing a switching fluid on a first substrate, coating the switching fluid with a
corrosion inhibitor, and mating the first substrate to a second substrate, the first
substrate and the second substrate defining therebetween a cavity holding the
15 switching fluid, the cavity being sized to allow movement of the switching fluid
between first and second states..

FIG. 3 ACCOMPANIES THIS ABSTRACT

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