

Eaton Dura-Kote™
Plating Technology

You've been upgraded

Same exceptional Eaton fluid conveyance products.
Now with improved corrosion resistance.



EATON

Powering Business Worldwide



Up to 1,000 hours of corrosion resistance— 3x more protection than previous generations

The new, HIGHER standard in corrosion resistance

Corrosion resistance is a necessity on nearly every application of hydraulic fluid conveyance products. Unplated carbon steel fluid conveyance products can begin rusting within hours of exposure to the elements. Now Eaton, a world leader and innovator in power management and hydraulic systems, has raised the bar on corrosion resistance. Introducing Dura-Kote™ plating technology, delivering significantly higher level of corrosion resistance on carbon steel fluid conveyance products.

Testing in accordance to ASTM B117 salt spray requirements reveals Eaton fluid conveyance components with Dura-Kote plating technology are rated up to 1,000 hours of corrosion resistance (see test result photos at right), far exceeding SAEJ514 requirements. No other standard carbon steel fluid conveyance products can top the performance of Eaton fluid conveyance products with Dura-Kote plating technology.

Same trusted products, engineered to last longer

The Eaton carbon steel fluid conveyance products you rely on today will look, feel and perform exactly the same as previous products:

- Same form and functional capabilities
- Same torque values and pressure ratings
- Same silver appearance
- Same procedures for assembly

The fundamentals haven't changed, but critical performance is improving: longer expected life, lower maintenance costs and improved appearance of your fluid conveyance products.

Appearance matters

Two kinds of rust threaten the integrity of your carbon steel fluid conveyance products: White rust, which is oxidation of the outer zinc layer. And red rust, which is oxidation of the steel itself.

Beyond the obvious replacement costs, lost production and equipment downtime caused by clearly red-rusted components, the presence of rust can make perfectly functional equipment look like it needs maintenance. Poor appearance often forces companies to replace components that have years of life left, adding unnecessary costs to maintenance. And many companies routinely paint hydraulic components to delay rusting.

Yet, left unchecked, rust can spread from unprotected components to the machine itself where repairs become even more expensive and difficult.



The simple, standard solution

Many companies offer “extra” plating services and “special requests” to enhance corrosion resistance. Requesting extra services can delay your order, complicate delivery and add significantly to your costs. That’s why Eaton has responded to the needs of the market and simplified the entire process.

Dura-Kote plating technology now comes standard on most carbon steel fluid conveyance products, so you get products that look better, last longer, cost less to maintain, and give you one less thing to worry about.



Corrosion resistance for the long haul

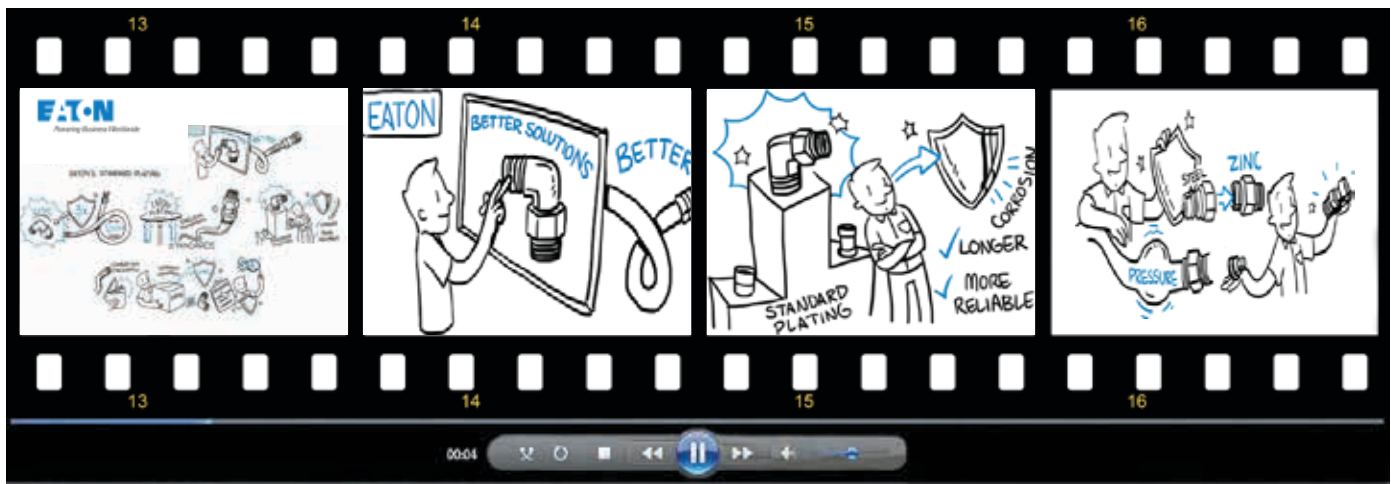
Comparison of current carbon steel adapters after 650 hours of exposure to salt spray testing



In the photos above, carbon steel fluid conveyance products protected with Eaton’s Dura-Kote plating technology resist rust longer than other carbon steel products available today.

Learn more about how Eaton’s new standard in corrosion resistance can help make your fluid conveyance components look better, last longer and operate more efficiently.

Contact your Eaton sales representative about Dura-Kote plating technology today or visit www.eaton.com/Dura-Kote



Watch the Video

Looking for more information? You can quickly learn about the benefits of Dura-Kote plating technology via our online video. View it at: www.eaton.com/Dura-Kote

Eaton
 Hydraulics Group USA
 14615 Lone Oak Road
 Eden Prairie, MN 55344
 USA
 Tel: 952-937-9800
 Fax: 952-294-7722
www.eaton.com/hydraulics

Eaton
 Hydraulics Group Europe
 Route de la Longeraie 7
 1110 Morges
 Switzerland
 Tel: +41 (0) 21 811 4600
 Fax: +41 (0) 21 811 4601

Eaton
 Hydraulics Group Asia Pacific
 Eaton Building
 No.7 Lane 280 Linhong Road
 Changning District,
 Shanghai 200335
 China
 Tel: (+86 21) 5200 0099
 Fax: (+86 21) 2230 7240

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Eaton
 1111 Superior Avenue
 Cleveland, OH 44114