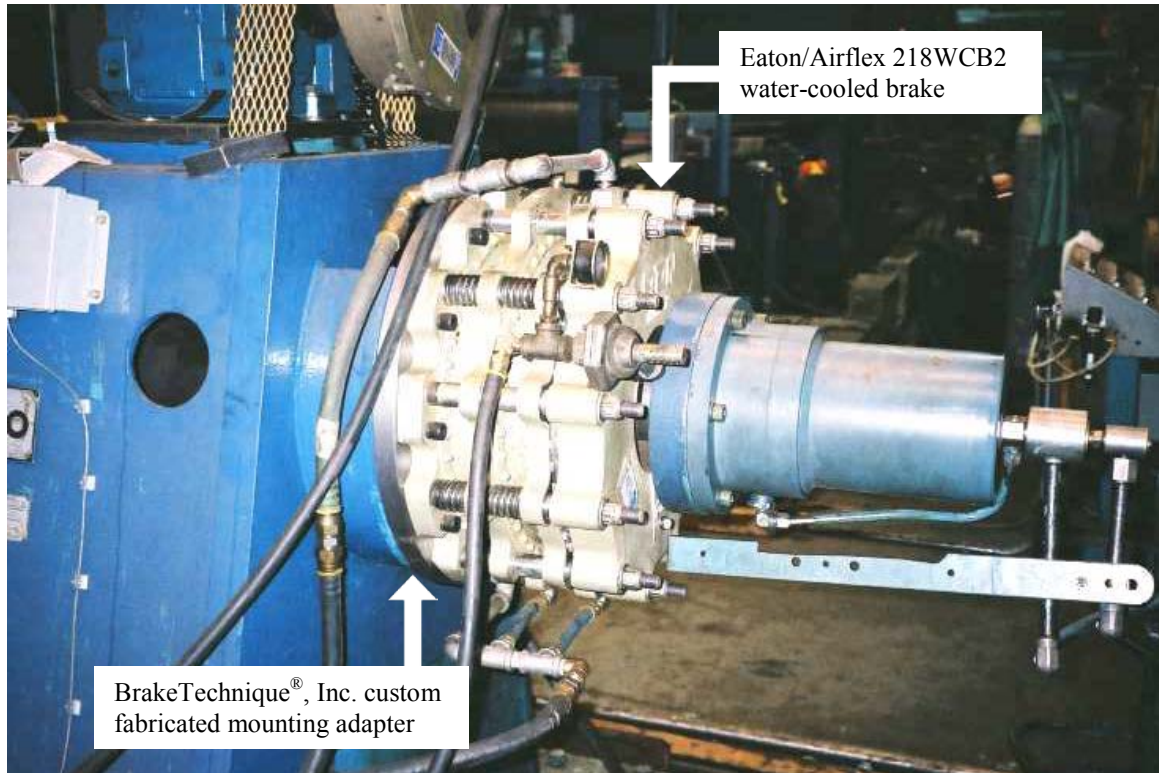


# APPLICATION BULLETIN

## EATON/AIRFLEX 218WCB2 WATER-COOLED BRAKE WITH BRAKETECHNIQUE®, INC. CUSTOM FABRICATED ADAPTER



INDUSTRY: METAL PROCESSING

APPLICATION: Steel un-coiler

**BACKGROUND:** The customer had an un-coiler with two Wichita 216 KK water-cooled brakes. These brakes apply tension to a steel coil as it is being un-wound. Over the years, the customer has been processing larger and larger diameter coils. It is to the point where the existing brakes are no longer large enough to handle the torque requirement needed to apply the correct tension necessary for the larger size coils. BrakeTechnique®, Inc. reviewed the application and proposed replacing the existing brakes with two Eaton/Airflex 218WCB2 water-cooled brakes. The new brakes would provide 30% more torque which would adequately handle the largest coil size currently being run by the customer. In order to provide a “drop-in” replacement package, BrakeTechnique®, Inc. designed and fabricated a custom mounting adapter which allowed the customer to mount the new brakes in the existing envelope with no additional rework to the customer’s machine.

**ADVANTAGES:** Increased torque to handle tension requirements of the steel coils that are currently being processed. No major rework to the customer’s equipment was necessary as a “drop-in” package was provided. Replacement parts for these brakes are also readily available when needed.

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