

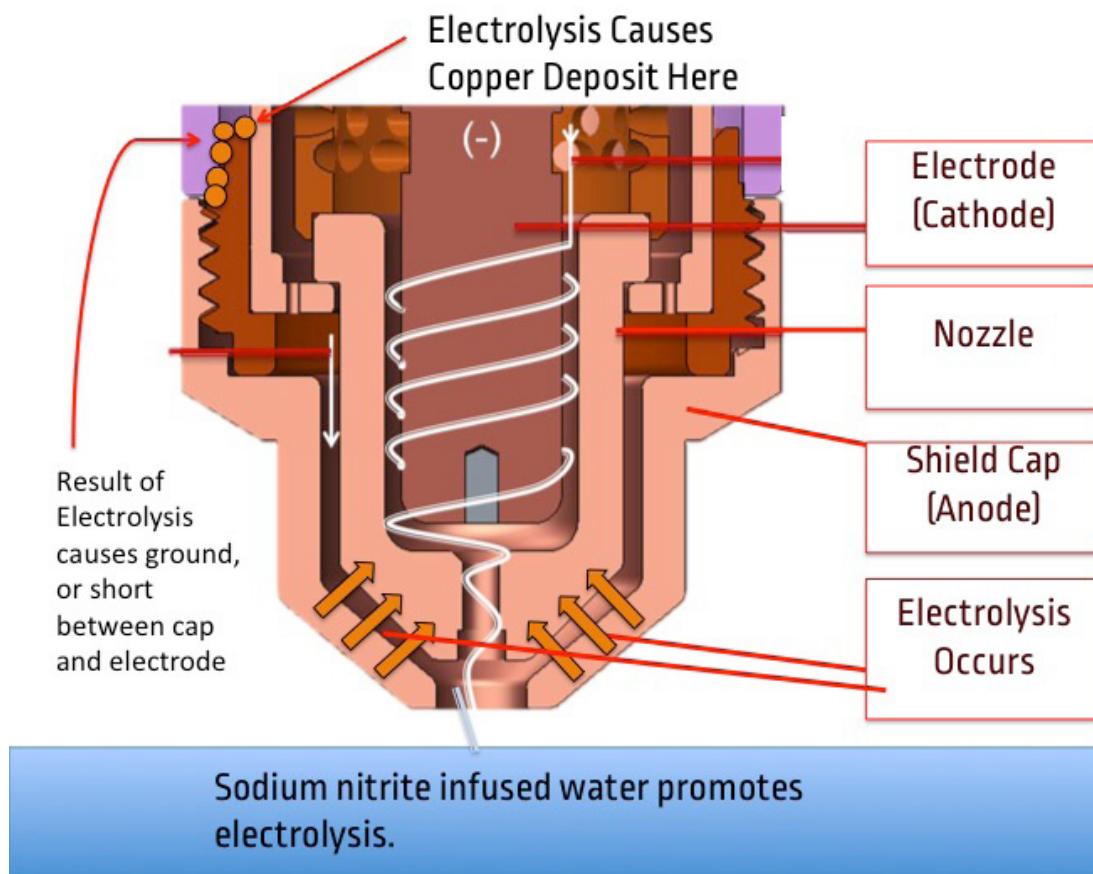
TECHNICAL BULLETIN

Premature Consumable Wear

Premature consumable wear in Ohmic sensing machine torches.

Lincoln Electric Cutting Systems has experienced premature consumable wear or electrolysis in machine torches that use both a negative ground path (cathode) and positive shield cap (anode) when sodium nitrite is present as a corrosion inhibitor in CNC plasma water tables. Electrolysis occurs when water containing sodium nitrite is introduced to the torch via splashing or submersion into the water table

As a result Lincoln Electric Cutting Systems has removed a feature originally built into the Ohmic sensing of ACCUMOVE to mitigate this chemical reaction via the addition of a relay. The additional relay will be provided to ACCUMOVE 2 and ACCUMOVE 3 machines delivered before December 15, 2015 free of charge.



Updated on: 2015-Dec-14

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TORCHMATE TECHNICAL SUPPORT: 866-571-1066
www.torchmate.com

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The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.

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