KWS Provides Improved Design and Saves Money for Salt Producer

Salt is produced by solar evaporation from the Great Salt Lake. Mineral-rich brine is pumped into shallow ponds where the sun evaporates the water, leaving beds of naturally occurring crystallized minerals. The minerals are then gathered, cleansed and processed to produce all-natural products. Salt is removed from the brine and processed for consumer deicing, agricultural use or water conditioning.

**Challenge**

Multiple batch mixers are used in the salt production process. Mixing ribbon screws from the OEM were lasting approximately 3 months before replacement. The end user needed replacement mixing ribbon screws that would last much longer so production would not be interrupted.

**Solution**

KWS provided an improved design utilizing abrasion resistant materials and shipped the replacement ribbons screws within 4 weeks after receiving the order. KWS created engineering drawings and documented every detail, so replacement ribbon screws could be shipped without delay. The improved KWS design doubled the service life when compared to the OEM design. The salt producer recently ordered another spare ribbon screw to keep on the shelf, creating repeat business for Motion Industries and KWS.

**Another valued-added solution by KWS! My customer is very satisfied with the quality, delivery and service provided by KWS. KWS is our main source for difficult applications. You guys know your stuff!**

— Motion Account Manager