



Sharpe Points

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Sharpe excels at major upgrades

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Retrofitting older mixers in the field with newer, more efficient and cost-effective mixer designs has long been a strong suit of Sharpe Mixers.

Case in point: old mixers that were likely installed in the 1950s and had long exceeded their life cycle. The gearboxes were obsolete and parts no longer available.

The customer contacted Sharpe to see what we could offer as an update. Application engineers from Sharpe flew to the customer's facility, examined the application requirements, and offered a proposal suited to the customer's needs.

One of [Sharpe Mixers'](#) biggest selling points was the improved mixing offered with our [Hyflo impeller design](#). With the increased impeller efficiency, Sharpe could offer smaller, more efficient and cost-effective mixer drives.

After the mixers shipped, Sharpe engineers flew back to the customer's facility for start-up. The first task was the removal of the old tanks and mixers. The tanks used here are wood rather than metal due to high salt content.

Once the old tanks were dismantled and stacked for disposal, it was time to install the new replacement tanks.

The new tanks were a noticeable improvement over the old! Three were installed, with more to follow.

Next it was time to install the mixers. The [HYF-218 impellers](#) were lowered in first with cranes.

The impellers and shafts were followed by the [N-Series mixer drive](#), our most popular heavy-duty mixer. They mix a saturated solution of salts and run it through cooling coils.

The customer, pleased with the results, placed orders for two more series of mixers. The next series will ship in the coming weeks.

How can we help you with your mixer needs? [Contact us today](#) and let us know!

Out with the old mixers ...



Left: The old mixers were removed and dismantled.

Above: A wood tank shows its age. The mixers being replaced were likely installed in the 1950s.

... and in with the new ones



Top: A new wood tank is a big improvement.

Above: The impeller is in close proximity to walls of a crystallization tank.

Right: HYF-218 impellers are lowered in with cranes.

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