



Darley
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Technical bulletin on mechanically sealed pumps that have been stored dry for 90 days or longer

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Mechanically sealed pumps that have sat dry for 90 days or longer should be filled or primed with water before their mechanical seals are allowed to rotate.

It typically takes 90 days for the mechanical seal surfaces to completely dry out after the pump has pumped water and has been drained. Once the mechanical seal has dried out, any microscopic debris that was in the water stream between the mechanical seal surfaces during the pumping operation will now act as an abrasive to the mechanical seal if the pump starts dry. This microscopic debris on a dry mechanical seal can cause the mechanical seal to prematurely wear out.

If a pump has been wetted within the past 90 days, the impeller shaft can be rotated for up to 90 seconds at an engine idle speed before the pump is primed.

Maximum mechanical seal life is attained if the pump is primed before the mechanical seal is allowed to rotate.

Questions can also be directed to our Customer Service Department at
800-634-7812 or 715-726-2650.