

News from Wanner

Hydra-Cell Pumps Abrasive Tile Coatings

Hydra-Cell seal-less pumps, from Wanner, have solved a pump seal wear problem for a major US producer of acoustic panels.

When pumping these abrasive coatings, pumps with dynamic seals will eventually wear and leak. Performance accuracy deteriorates and maintenance downtime for seal replacement can prove expensive as the Corporation found to its cost.

Replacing its pneumatic, single plunger pumps with Hydra-Cell G10 and G25 seal-less pumps not only solved the leak problem but also greatly improved the control over spray patterns and coating thickness.

With no dynamic seals to wear, the Hydra-Cell pumps are able to pump the abrasive coating material reliably and require minimal maintenance, reducing non-productive time.

Having multiple, hydraulically balanced diaphragms in a single pump head, the Hydra-Cell pumps produce a smooth pulseless flow without the need for pulsation dampeners. The smooth flow also reduces pipe work stress in the system. The controllable, repeatable delivery ($\pm 1\%$) ensures the spray pattern is regular and the coating is consistent over time.

Improving product quality while reducing maintenance costs proved to be just a matter of changing pumps... to Hydra-cell.

Further information from:

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Note:

Wanner is the world's leading manufacturer of seal-less, high-pressure, diaphragm pumps. These Hydra-Cell pumps are highly efficient, heavy duty pumps used for liquid transfer, metering,

injection, spraying and dosing of the widest range of liquids including chemicals, solvents, acids, hydrocarbons, natural gas liquids, alkalis, polymers, aqueous ammonia, resins, slurries, wettable powders recycled or dirty liquids etc.

Hydra-Cell positive displacement, unique multi-diaphragm, seal-less pumps can handle corrosive, non-lubricating and abrasive liquids and slurries and can even run dry without suffering damage.

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