



SB150 Pump Storage Guidelines

November 16, 2017

Storage Instructions For Hale Vehicle Mounted Centrifugal Pumps

Hale Vehicle Mounted Pumps are shipped in packaging suitable for transport and storage in a typical indoor warehouse environment for periods of up to six months without special handling or repackaging.

Pumps should not be stored outside in the weather, or at temperatures below 35F or above 120F.

While most customers install pumps shortly after receipt, when anticipating storage beyond 6 months there are precautions that should be taken to make sure the end user receives a product that is in new condition and exposed surfaces and components are not affected by corrosion.

Long Term Storage Guidelines:

When storing pumps or gearboxes for longer than six months and especially in high humidity climates there is a chance for corrosion on some components like gears and unprotected machined surfaces. One way to prevent corrosion is to close off all pump openings with VCI (volatile corrosion inhibitor) wrap. Cover every pump opening, shaft(s) and the gearbox vent with the VCI wrap. It is often easier to cover the entire pump and gearbox. This material is available as stretch wrap or even bags for smaller booster pumps. It provides corrosion protection at low cost and little effort.

The VCI stretch wrap is available from industrial suppliers such as Grainger, Uline, or McMasterCarr. It applies just like regular stretch wrap or film except it is typically blue and often has one side that goes toward the pump to protect the pump from corrosion. Most VCI wrap is rated to protect the pump for at least 2 years when stored inside a typical warehouse. Check with your supplier for details.



As long as the grease applied to seals at the Hale factory has not been wiped off, no additional precautions are necessary for long term storage up to 2 years. If the grease has been wiped from seals shafts and flanges, use a brush to re-apply a thin film of GAA type grease before wrapping.

In the unusual event of storage beyond two years, a VCI emitter can be placed inside the wrapping before the pump is wrapped to enhance corrosion protection. Hale does not recommend placing the emitter inside the pump because it may be forgotten and cause pump damage if the pump is installed and operated with a foreign object like the emitter inside. VCI emitters are also available from the same industrial suppliers.

If you need additional information, please contact Halettechnicalservice@idexcorp.com for clarification.

Thanks for your support of Hale Products.