

DSFF Maintenance Flushing Instructions

DSFF flushing fluid is used with mechanical pumps that use hydrocarbon oil



WARNING: If pump is used to evacuate corrosive or abrasive media, user should observe proper safety precautions to protect self before opening the pump



NOTE: Changing the lubricating fluid while pump is warm helps prevent condensable media from remaining in the pump

Part No.	Description
DSFF-1	1-gallon bottle
DSFF-4	Case of four, 1-gallon bottles
DSFF-5	5-gallon bucket
DSFF-55	55-gallon drum

1. Turn **OFF** the mechanical pump
2. Remove any filters, fittings, or lines attached to the inlet and exhaust ports of the pump
3. Place a container under the fluid drain port of the pump to catch the used fluid
4. Open the fluid drain port and allow the fluid to drain from the pump
5. When the fluid flow decreases, briefly switch the pump **ON/OFF** to drain the remaining fluid
6. Close the fluid drain port
7. Open the fluid fill port
8. Fill the pump through the fluid fill port with the flushing fluid to capacity
9. Close the fluid fill port
10. Cover the inlet port with a blank flange
11. Turn **ON** and **RUN** the pump for at least 1 hour and up to 12 hours



NOTE: Running the pump at operating temperature for a longer period is key in removing any buildup

12. Turn **OFF** the mechanical pump
13. Repeat **Steps 3-11** with a new batch of flushing fluid as needed
14. Repeat **Steps 3-11** with a new batch of lubricating fluid to help remove as much of the flushing fluid as possible
15. Repeat **Steps 3-9** with a new batch of lubricating fluid so the pump is ready for use
16. Reconnect all filters, fittings, and lines that were removed in **Step 2**