

# INSTRUCTIONS

## STORAGE RECOMMENDATIONS FOR OILGEAR UNITS

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### PURPOSE OF INSTRUCTIONS

Proper preparation for storage of your OILGEAR pump motor is as important as proper maintenance during usage. The following guideline has been prepared to assist you in correct long term storage procedures for units currently in service which will be put into storage, those in storage or which are shipped by OILGEAR specifically for long term storage. Your acquaintance with these instructions will help you attain satisfactory performance when you unit is placed into service.

### PREPARATION - NEW OR RECONDITIONED UNITS:

Units shipped from our factory for long term storage will be fitted with yellow pipe plugs and flanges to seal the units. If the unit is shipped without controls, etc., covers for control bores etc. will also be supplied. The unit is then filled with a clean rust inhibited fluid and shipped to the user. Instruction are provided which show all the plugs and flanges that must be removed, before putting into service.

### PREPARATION - EXISTING UNITS:

When removing a unit from service, it should be drained and fitted with pipe plugs and flanges as required to seal it from moisture and contamination. It is suggested that you color code plugs and flanges being installed for easy identification when the unit is returned to service. Any item (plugs, flanges, etc.) installed at the time of storage should also be recorded on an installation drawing or bulletin covering the unit.

### FLUID AND FILLING - ALL UNITS:

The customer is responsible for filling the existing unit with appropriate, CLEAN, hydraulic fluid which contains a rust inhibiting additive. By filling the unit with CLEAN hydraulic fluid so it is CASE FULL, you are preventing moisture and contamination from entering the unit during the storage period. Refer to table for correct fill location for your specific unit.

### WARNING!

NOT ALL TYPES OF FLUID ARE COMPATIBLE. Special precautions must be taken to assure an existing unit is stored containing the same type of fluid as it is accustomed to using when it is in service. New or reconditioned units should be stored containing a fluid with which it is expected to use when placed into service. If anything other than a standard petroleum base fluid will be used in service, inform The Oilgear Company so the proper storage fluid can be used.

### NOTE!

If the unit will be stored for a period of no more than one year and will be in an environment which is warm, dry and free of atmospheric contamination, it is not necessary to fill the unit with fluid during the storage period.

### EXTERNAL PROTECTION - ALL UNITS:

Be sure all chains, bearings, shafts, unpainted surfaces and couplings are well lubricated or covered with a protective grease. Remove breathers if any are installed and replace with appropriate pipe plugs. Breathers may be located on top(s) of unit(s) or reservoir(s). Make certain the unit is well protected from ice, rain or snow.

### RESUMING OPERATION - ALL UNITS:

To place a new or reconditioned unit into service, drain storage fluid from the unit and REMOVE ALL YELLOW COLOR CODED PLUGS, FLANGES, ETC. which were factory installed. On an existing unit that was stored, drain storage fluid from the unit and REMOVE ANY PLUGS, FLANGES, ETC. which may have been installed and noted at the time of storage.

Inspect a sample of the drained fluid for rust. If any evidence of rust is found, it is advisable to have the unit disassembled and cleaned before placing into service. If there is no evidence of rust or water being present, the unit is ready to be placed into service.

### IMPORTANT!

Before operating the unit, be sure all pipes, etc. are installed in the proper ports as indicated in the instruction bulletin and/or installation drawing for your particular unit. It is helpful to compare ports (plugged, open or piped) of the unit being replaced with the spare being placed in service. The unit MUST BE JOG STARTED prior to release of the unit to production.

### ADDITIONAL INFORMATION:

The OILGEAR "Fluid Recommendations" plate attached to the unit specifies the viscosity of fluid and preferred operating temperatures. If no plate is visible, the correct fluid can be determined if the type designation and size of the unit are known. Type designations are stamped on the nameplate attached to each unit. Viscosities for average conditions are listed in Bulletin 90000. Consult your fluid supplier for special precautions to be taken when changing from oil to phosphate ester fluid or phosphate ester to oil. For information on equipment compatibility, operation under unusual conditions or operation with fluids not referred to in the above bulletin consult The Oilgear Company.

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**THE OILGEAR COMPANY**

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**TABLE**  
**FLUID FILL LOCATION**

PUMPS	LOCATION
"D"	Eyebolt hole in top of pump
"C"	Eyebolt hole in top of pump
"DN"	Eyebolt hole in to of pump
"PVL"	Case drain "Port 1" in top of unit
"PFL"	Case drain "Port 1" in top of unit
"PVS"	Case drain "Port 1" in top of unit
"PFS"	Case drain "Port 1" in top of unit
"PVV, PVK, PFK PVWH, PVW, PVG, PVZ"	Case drain "Port 1" in top of unit
MOTORS	LOCATION
ALL	Case drain hole in top of motor
PREFILL UNITS	LOCATION
ALL	Port 5

**NOTES**



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