Hydro Power Unit Survey Form

Today’s Date:       Job Name:

Your Company Name:

UNITEC Account Number: J

Contact Name:

Phone No:       Fax:

Shipping Address:

City, State/Province, Zip, Country:

Requested Ship Date:       Lift gate service needed?  Yes  No

Comments:       

Please indicate if the unit is a ROPED HYDRAULIC:

Is existing unit:  Dry or  Submersible

Is it an existing Otis unit?  Yes  No Is this unit machroomless (Hydrofit)?  Yes  No

If yes, provide Otis sales #

Existing Piping Size to Jack:       Pipe Run from Tank to Jack:        ft.

**Equipment Information**

Holed / Holeless  Holed  Holeless Coil Voltage Required:  115 VAC  115 VDC  230 VAC

Building Rise:       ft. Include solid-state starter?  Yes  No

Plunger Diameter:       in. Tank heater required?  Yes  No

Car Speed-Up:       ft./min. Is oil level and temp thermostat required?  Yes  No

Applied Motor Voltage:       V (3-phase only) Is cylinder head above tank?  Yes  No

Existing Motor HP:       hp Are you in a seismic zone?  Yes  No

Gross Load (**GL**):       lb. Pipe to jack on which side of tank?  Right  Left

**(GL** = capacity + plunger + car weight) Shutdown required/48-hour delivery?  Yes  No

If unknown, fill in Table 1 and Unitec. Is unittelescopic?  Yes  No

will estimate the GL. Are there two jacks?  Yes  No

|  |  |  |  |
| --- | --- | --- | --- |
| **Table 1: Gross Load Calculation** |  | **Table 2: Available Power Unit Installation Accessories** | |
| **If gross load is not known, fill in:  (1 & 2), (1 & 3 & 4), or (1 & 5).** |  | **Part Description** | **Quantity Requested** |
| 1. Finished Plunger Diameter (in.): |  | Oil Cooler (19,850 BTU/Hr) |  |
| 2. Full Load Static Pressure (psi): |  | 2 in. Victaulic Shut-Off Ball Valve #721 |  |
| 3. No Load Static Pressure (psi): |  | 2 in. Victaulic Coupling #77 |  |
| 4. Duty (capacity; lb.): |  | 2 in. Victaulic 90° Elbow #10 |  |
| 5. Full-Load Working Pressure (psi): |  | 2 in. Pipe (7 in. long w/Vic. Grooves) |  |
|  |  | 2 in. Pipe Stand (48 in. long) |  |
| **NOTE:** Verify coil voltage. New power unit has up, up leveling, down, and down leveling functions. If your existing power unit varies, additional installation modifications may be required. |  | Concrete Anchor (3/8 x 3 in.) for pipe stand |  |
|  | 3 x 2 in. Victaulic Reducer #50 |  |
|  | 2.5 x 2 in. Victaulic Reducer #50 |  |
|  | 2.5 in. Victaulic Coupling #77 |  |
| ***lgo*** |  | 2.5 in. Victaulic 90° Elbow #10 |  |
|  |  | 2.5 in. Pipe (7 in. long) |  |
|  |  | 2.5 in. Pipe Stand (48 in. long) |  |

**Email Survey to** [**info@unitecparts.com**](mailto:info@unitecparts.com)

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