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**

UNITEC PARTS COMPANY | Phone: 1 800 328 7840 | Fax: 1 860 286 1625 | [www.unitecparts.com](http://unitecparts.com/)

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