

# Drum Pump Questionnaire

Please provide us with important details about your drum pump requirements.  
Fill in any information that will help us locate the ideal pump for your application.  
If you find fields that are not applicable, leave them blank.

Application Date \_\_\_\_/\_\_\_\_/\_\_\_\_ Contact Name: \_\_\_\_\_

Company \_\_\_\_\_ Address \_\_\_\_\_

Email: \_\_\_\_\_ Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

## Application Questions for Mixing, Pumping or Heating

Describe in detail your equipment requirement and its application. (Attach additional pages & photos as needed)

1. **Liquid ingredient names)** If any acid(s), state % concentration(s) \_\_\_\_\_

2. **Liquid Characteristics:** Thickness: \_\_\_\_\_ Cps (Centipoise), Specific Gravity \_\_\_\_\_, lbs./ft.<sup>3</sup> Process Temp \_\_\_\_\_ F  
pH \_\_\_\_\_, Food or Consumable? ☐ Yes ☐ No, Flammable ☐ Yes ☐ No, Container Volume: \_\_\_\_\_ US Gallons  
Fluid Depth in Container: \_\_\_\_\_ inches, Particulate Size \_\_\_\_\_ inches, Special: \_\_\_\_\_

3. **Container type & size:** ☐ 5 gal. drum, ☐ 30 gal., ☐ 55 gal., ☐ 85 gal. drum, ☐ tank-tote-IBC \_\_\_\_\_ gallons  
Tank Specifications: Shape \_\_\_\_\_, Inside Depth: \_\_\_\_\_", Length: \_\_\_\_\_", Width: \_\_\_\_\_", Height: \_\_\_\_\_" (no pallet)  
☐ Fiber, ☐ Lined, ☐ Mild steel, ☐ Stainless steel, ☐ Plastic, Tote Type: Wire / Tubular Frame ☐ Yes ☐ No  
Other: \_\_\_\_\_

4. **Bung or fill port details:** ☐ 2" NPT, ☐ 3/4" Npt, ☐ Metric Coarse Thread, \_\_\_\_\_" ID, ☐ IBC Fill-port size \_\_\_\_\_" ID  
Other bung or port opening size and type: \_\_\_\_\_

5. **Liquid Agitation Frequency:** ☐ Batch \_\_\_\_\_ x per \_\_\_\_\_ day, week, month (circle one), ☐ Continuous blending

6. **Liquid Agitation Intensity:** (Circle, on a scale of 1-10) Strong = 10 9 8 7 6 5 4 3 2 1 = Gentle

7. **Liquid Foaming Sensitivity:** (Circle, on a scale of 1-10) Stable = 10 9 8 7 6 5 4 3 2 1 = Sensitive

8. **Liquid Shear Sensitivity:** (Circle, on a scale of 1-10) Stable = 10 9 8 7 6 5 4 3 2 1 = Sensitive

9. **Mixing Questions:** Do you prefer Bung-entry mixing? ☐ Yes ☐ No, Open drum or tank mixing? ☐ Yes ☐ No,

**What impeller type do you need?** ☐ DRUM-MATES recommendation ☐ Hi-shear action, ☐ Hi-pump action,  
☐ Hydrofoil style, ☐ Mixing propeller, ☐ PVC coated propeller, ☐ PTFE (Teflon®) Turbine impeller

Other Mixing Details: \_\_\_\_\_

10. **Pumping Questions:** Flow Rate Desired \_\_\_\_\_ Gpm, \_\_\_\_\_ Ft. Head, \_\_\_\_\_ Ft. Transfer Distance, Other: \_\_\_\_\_

Other Pumping Details: \_\_\_\_\_

11. **Electric Drive Specifications:** \_\_\_\_\_ Hp, \_\_\_\_\_ Volts, \_\_\_\_\_ Cycles, \_\_\_\_\_ Hz., \_\_\_\_\_ ODP, \_\_\_\_\_ TEFC, \_\_\_\_\_ Explosion Proof

12. **Electricity Availability:** \_\_\_\_\_ Cycles, \_\_\_\_\_ Hz., Circuit Amperage \_\_\_\_\_ Amps, Other \_\_\_\_\_

13. **Air Drive Specifications:** \_\_\_\_\_ Hp, Air Usage \_\_\_\_\_, Cfm \_\_\_\_\_, Psi, Exhaust Extension Required: ☐ Yes, ☐ No

14. **Special Application Details:** \_\_\_\_\_

Ask for literature on CP Lab Safety drum pumps & hand dispensing nozzles.

Email: info@cplabsafety.com, Tel: 888-322-5722, Fax: 415-532-1662