

## 10 WAYS TO SELECT A HAPPY PUMP

**ALWAYS CALCULATE YOUR COST OF OWNERSHIP BEFORE YOU  
MAKE THE PURCHASE**

1. Only select pumps with suction specific speeds less than 11,000 – less than 9,000 is even better.
2. Select your pump so it never operates below 70% to 80% of its best efficiency point.
3. Remember that 1800 RPM pumps are usually more reliable than 3600 RPM Pumps.
4. Hydraulic efficiency peaks at specific speeds between 2000 and 3000 and drops dramatically below a specific speed of 500. Higher efficiency means less Vibration, Noise and Low Energy Bills.
5. Use Double Suction Impeller sparingly. They are less stable at off-design conditions than Single Suction Impeller.
6. For Single Stage pumps, never select a pump with a maximum impeller diameter. You may need to increase the impeller diameter in future.
7. Select a driver that allows you to operate to the end of the pump curve.
8. Use hydraulic stability, not temperature rise, as criteria for minimum acceptable pump flow.

### **Neoflux Team**

*We look forward to being of assistance in your process equipment requirements.*

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**OSCILLATING** TECHNOLOGY

THAT SHRIVELS YOUR COST OF OWNERSHIP