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Section	011

<b>From:</b>		<b>Country:</b>	
<b>Company:</b>		<b>Date:</b>	
<b>Phone:</b>		<b>Fax / E-mail:</b>	
<b>End User Name:</b>			

**NOTES: - \* Bold / Italic items indicate minimum required information for pump application and quotation.**  
<sup>1</sup> Customer or Distributor are responsible to qualify adequate suction conditions for the specific fluid /system conditions.

### LIQUID INFORMATION:

\* **Liquid Name:** \_\_\_\_\_ **UNITS (choose or fill-in alternative unit)**

\* **Viscosity:** \_\_\_\_\_ - ( cP / ssu / cSt / m<sup>2</sup>-s / Pa-s )

Specific Gravity: \_\_\_\_\_ - ( SG / g-cm<sup>3</sup> )

Vapor Pressure: <sup>1</sup> \_\_\_\_\_ - ( psia / kPa / kg-cm<sup>2</sup> (abs) / mm-Hg )

\* **Does the product have lubricating properties:** yes: \_\_\_\_\_ no: \_\_\_\_\_

\* **Materials of Construction:** **Elastomers:** FKM: \_\_\_\_\_ PTFE: \_\_\_\_\_ Other(specify): \_\_\_\_\_  
**Corrosive:** yes: \_\_\_\_\_ no: \_\_\_\_\_  
**Metallurgy:** Ductile iron: \_\_\_\_\_ Stainless steel: \_\_\_\_\_

\* **Abrasive:** yes: \_\_\_\_\_ no: \_\_\_\_\_ Particle size: \_\_\_\_\_ Micron Particle concentration % by weight: \_\_\_\_\_ %  
Particle Hardness: Soft \_\_\_\_\_ Med \_\_\_\_\_ Hard \_\_\_\_\_ Very hard \_\_\_\_\_

\* **Does the product solidify:** yes: \_\_\_\_\_ no: \_\_\_\_\_ \* **Do solids settle out:** yes: \_\_\_\_\_ no: \_\_\_\_\_

\* **Special Considerations: (Shear Sensitive / Heat Sensitive / other):** \_\_\_\_\_

Heating Jackets: yes: \_\_\_\_\_ no: \_\_\_\_\_ Heating medium: Steam: \_\_\_\_\_ Hot Oil: \_\_\_\_\_

Other Comments :

### OPERATING CONDITIONS:

**UNITS (choose or fill-in alternative unit)**

\* **Flow Rate:** \_\_\_\_\_ - ( gpm / m<sup>3</sup>hr / lpm / gpm-imp )

\* **Inlet Pressure:**<sup>1</sup> \_\_\_\_\_ - ( psia / psig / bar / kPa / kg-cm<sup>2</sup> )

\* **Differential Pressure:** \_\_\_\_\_ - ( psia / psig / bar / kPa / kg-cm<sup>2</sup> )

NPSHA / NPIPA:<sup>1</sup> \_\_\_\_\_ - ( ft-water / m-water / psi / kPa )

Working Pressure: \_\_\_\_\_ - ( psig / bar / kPa / kg-cm<sup>2</sup> )

\* **Pumping Temperature:** \_\_\_\_\_ - ( degrees C / degrees F )

\* **Min/Max Ambient Temperature:** \_\_\_\_\_ - ( degrees C / degrees F )

\* **Duty Cycle:** \_\_\_\_\_ - ( hours-day-week / other >> specify)

\* **Altitude at installation:** \_\_\_\_\_ - ( feet / meters )

**Will pump need to self-prime?** yes: \_\_\_\_\_ no: \_\_\_\_\_ \* **Maximum lift:** \_\_\_\_\_ (feet / meters)

\* **Equipment Location:** Indoor: \_\_\_\_\_ Outdoor-protected: \_\_\_\_\_ Outdoor-unprotected: \_\_\_\_\_  
Tropical: \_\_\_\_\_ Sand/dust: \_\_\_\_\_ Other: \_\_\_\_\_

\* **Electrical Power (if applicable)** Volts: \_\_\_\_\_ Phase: \_\_\_\_\_ Hertz: \_\_\_\_\_ Enclosure: \_\_\_\_\_

**Shaft sealing:** Packed: \_\_\_\_\_ Lip Seal: \_\_\_\_\_ Mechanical seal (specify): \_\_\_\_\_

Additional Information: \_\_\_\_\_

### (new) FIELD EXPERIENCE INFORMATION: (existing)

Current Model / Size / Manufacture: \_\_\_\_\_

Pipe Size: Suction Pipe: \_\_\_\_\_ (in / mm) Discharge pipe: \_\_\_\_\_ (in / mm)

Suction Lift: yes: \_\_\_\_\_ no: \_\_\_\_\_ Lift Height: \_\_\_\_\_ ( feet / meters )

Current time between failures: \_\_\_\_\_ ( years / months / weeks / days / hours )

Other pertinent information: \_\_\_\_\_

Reason(s) for failure: (please explain in detail): \_\_\_\_\_

ON SEPARATE PAGE -- **DIAGRAM OF YOUR APPLICATION<sup>1</sup>** -- TO AID US HELP YOU