To help us determine which model Brookfield Viscometer would be best suited for your application, please furnish the information requested below:

1. **TYPE OF FLUID:**
   - [ ] FOOD
   - [ ] POLYMER
   - [ ] COATING
   - [ ] SLURRY
   - [ ] LIQUID
   - [ ] PULP
   - [ ] OTHER

   Viscosity: (specify units) Average _________ Min. ________ Max _________________

   Reference Temperature: (at above viscosity) °C ______________ °F _______________

   How was viscosity measured? If known, provide shear rate or instrument description and operating speed: *(NOTE: If fluid is non-Newtonian, measurements at several shear rates and speeds will be required.)*

   __________________________________________________________________________

   If actual viscosity in centipoise is unknown, indicate approximate viscosity by comparison with common fluids:

   __________________________________________________________________________

   For which viscosity value or range should the measuring system be designed? _________________

   __________________________________________________________________________

2. **DESCRIPTION OF MATERIAL TO BE MEASURED:**

   Product: __________________________________________________________________________

   Rheological Characteristics:
   - [ ] Newtonian
   - [ ] Non-Newtonian
   - [ ] Thixotropic
   - [ ] Dilatant
   - [ ] Plastic
   - [ ] Other _________________________________________________________________________

   Physical Composition:

   Does it contain fibers? ____________ Size? __________ Concentration? _________________

   Does it contain particles? __________ Size? __________ Concentration? _________________

   Are the fibers or particles abrasive? [ ] Yes [ ] No

3. **OPERATING CONDITIONS:** (specify units)

   Pressure: Average: _________ Min. ________ Max. _______________________

   Temperature: Average: _________ Min. ________ Max. _______________________

   Flow Rate: Average: _________ Min. ________ Max. _______________________

   Where exactly in production would you like the viscometer to be installed? (If necessary, please provide sketch on separate sheet.) __________________________________________________________________________

   __________________________________________________________________________

   Strong external influences (e.g., vibration, dust, humidity, ambient temperature, corrosive vapors, cleaning procedures)? _____________________________________________

   __________________________________________________________________________
3. OPERATING CONDITIONS: (continued)

Does the substance cure, set or harden? For what reasons (e.g., air, temperature, time)? ____________________

Is the substance hazardous or toxic? Corrosive properties: (process or cleaning)____________________________

Preferred material for immersed parts: ☐ 304 (18-8) stainless ☐ 316 stainless ☐ Other _____________

4. DESCRIPTION OF INSTALLATION: Planned installation in:

☐ Pipeline: Pipe size __________________ Throughput __________________

Mounting connections: ☐ 1” FPT ☐ 1” 150# flange ☐ 1 1/2” 150# flange ☐ 2” 150# flange

(Model TT100 only) ☐ 1” MPT ☐ 1” 300# flange ☐ 1 1/2” 300# flange ☐ 2” 300# flange

☐ 1 1/2” MPT ☐ 1” 600# flange ☐ 1 1/2” 600# flange ☐ 2” 600# flange

☐ 2” MPT ☐ Other: ______________________________

Can the instrument be installed in a bypass? (maximum flow rate for TT100 is 20 gpm)

☐ Vessel: Method of agitation ______________ Immersion Length __________________

Mounting connections: ☐ 4” 150# flange ☐ 4” 300# flange ☐ 3” 150# flange ☐ 3” 300# flange

(Model TT200 only) ☐ Other: ______________________________

☐ Reservoir-mounted: Method of agitation Immersion Length __________________

Probe lengths: ☐ 11” X 2” dia. ☐ 17” X 2” dia.

(Model TT220 only) ☐ 24” X 2” dia. (Nema 1 or 4 only) ☐ 30” X 2” dia. (Nema 1 or 4 only)

☐ Other: ______________________________

5. TYPE OF READOUT AND CONTROL EQUIPMENT PREFERRED:

Indicator: ☐ Analog ☐ Digital ☐ Strip chart recorder ☐ Indicator with control contacts

☐ Other: ______________________________

6. ELECTRICAL CODE:

☐ NEMA 1 (general purpose—indoor)

☐ NEMA 4 (watertight/dusttight for indoor/outdoor use)

☐ NEMA 7 (explosion proof—Class 1, Div. 1&2, Group C&D)

☐ CENELEC (explosion proof—Code: EE x d 11B T6)

Line Voltage/frequency: ☐ 115V 60Hz/1 Ø ☐ 115V 50Hz/1 Ø ☐ 230V 50Hz/1 Ø ☐ 230V 60Hz/1 Ø

7. ADDITIONAL EXPLANATIONS: (Please provide information on separate sheet, if applicable.)

COMPANY:__________________________________________

ADDRESS: __________________________________________________________________________

CITY: ______________________ STATE: _______ ZIP: ______________

NAME:__________________________________________ TEL: __________________

TITLE:__________________________________________ FAX: __________________