



Application Evaluation/Test Sample Description Form

Please send feed samples to the following location:

Parker Hannifin Corporation
Tube Fittings Division
Attention: Engineering Lab
3885 Gateway Blvd
Columbus, Ohio 43228
Phone: 614.279.7070
Email: ParkerMomentum@parker.com



Date: _____

Customer Information

Company Name: _____

Contact Name: _____

Email: _____ Phone: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Brief description of material being tested: _____

Process Flow Rate: _____ GPM Operating Temp. in Process: _____ °C

Liquid Chemical Composition: _____

Total Dissolved Solids (TDS): _____ %w/w

pH: _____

Conductivity: _____ μS

Suspended Solids Composition: _____

Total Suspended Solids (TSS): _____ %w/w

Particle Specific Gravity: _____

Particle Size Distribution: _____

Process Objectives

Wastewater Treatment

Desired Clean Water (Filtrate Recovery): _____ %

Quality Limits: TSS: _____ ppm TDS: _____ ppm

Turbidity: _____ NTU Color Reduction: _____ %

Solid Product Recovery Desired % Solids: _____ %w/w

Other: _____

Process Description: _____

Process Goals: _____

Material Description

SDS: Attached Included with Sample
Included a chemical analysis: Yes No
Health Hazard: Yes No
Environmental Hazard: Yes No

Does your material include any of the following chemicals? (Check all that apply)

- Antifoams (Specify _____)
- Biocides (Specify _____)
- Chlorides (Specify concentration _____)
- Peroxide (Specify concentration _____)
- Solvents (Specify types _____)
- Polymers or Flocculating Agents

Special Rheological Behavior

Gel Point % Solids: _____%w/w

Any Special rheological behavior that we should be aware of for testing:

Handling

Heating allowed? Yes No (Max Temp: _____°C)

Freezing allowed? Yes No

Needs refrigeration? Yes No

Keep from light? Yes No (Photo sensitive)

Septic? Yes No (Biologically active)

pH Sensitive? Yes No (Allowable pH range: _____)

Corrosive? Yes No

(Compatible Materials: _____)

Cleaning Procedure

Appropriate procedure to clean stainless steel and Teflon® parts which contact the process fluid: _____



Sample and Shipping Information

In an effort to comprehensively test your feed stream, we will need a minimum of 15 gallons. We would prefer anywhere from 20-40 gallons to make sure we have tested the feed thoroughly. We have discovered the best method to send your feed is in leak-proof, five gallon buckets.

What is the volume of feed will you be sending? _____ Gallons

Please provide a brief description of the containers so that we can easily identify them upon delivery: _____

Unless alternative arrangements are made in advance, it is Parker Hannifin’s policy to return all samples to the customer upon completion of all bench testing. To facilitate this process, please fill out the following information.

Contact Name: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Preferred shipping method (e.g., UPS, Freight Delivery Service, etc.): _____

Shipping Account Number: _____

Internal Authorization Number (if applicable): _____

Special Handling Procedures: _____

Miscellaneous

Please provide any additional information in the space below which would allow us to better understand your potential application (e.g., brief sketch of the process, data tables, etc.)

