TECHNICAL DATA INPUT SHEET • LIQUID-LIQUID COALESCER

COMPANY INFORMATION:

Company:		Date:	
Contact Name:		Contact Title:	
Address:		Phone:	
		Email:	

INQUIRY DETAILS:

End User Name:		Project Name:	
Service:		Tag:	
Due Date:		Bid Type:	☐ Firm ☐ Budget

PROCESS CONDITIONS (Provide appropriate units):

Operating Temperature		Operating Pressure	
Continuous Phase (Name)		**Dispersed Phase (Name)**	
Flow Rate (_____)		Flow Rate (_____)	
Density (_____)		Density (_____)	
Viscosity (_____)		Viscosity (_____)	
Surface Tension (_____)		Surface Tension (_____)	
Operating Range			
Slug Volume (If Any)		Allowable Pressure Drop	
Gas (If Present): Flow = _____ Density = _____ Viscosity = _____ Z = _____			
Solids/Foulants: ☐ Yes ☐ No (If Yes, Explain) _____			

FLOW CONDITIONS:

Feed to Coalescer: ☐ By Gravity ☐ By Pump	Flow Pattern: ☐ Continuous ☐ Intermittent
Feed pH:	

PRODUCT PURITY

Continuous Phase		ppmv		% (v/v)		µm
Dispersed Phase		ppmv		% (v/v)		µm

VESSEL DETAILS:

VESSEL DETAILS:		LIQUID LEVELS (in/mm) *OR* RESIDENCE TIME (mins)			
Diameter (ID):	Height/Length:	HHIL		HHLL	
☐ Vertical ☐ Horizontal	☐ New ☐ Existing	HIL		HLL	
Vessel Material:	Manway Size (ID):	NIL		NLL	
Boot Desired: ☐ Yes ☐ No	Weir Height:	LLIL		LLLL	

COALESCER:

Preferred Type:	☐ Mesh ☐ Plate Pack ☐ Structured Packing ☐ Other _____
Material:	☐ 304 ☐ 316 ☐ Other: _____ Co-Knit (Mesh): ☐ Teflon ☐ Fiberglass
Motion:	☐ Yes ☐ No If yes, please provide Pitch & Roll _____
Sandjet System Quote:	☐ Yes ☐ No Distribution Baffle: ☐ Yes ☐ No
Remarks:	