

KOCH-OTTO YORK® SEPARATIONS TECHNOLOGY



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LIQUID/LIQUID COALESCER APPLICATION DATA SHEET

Name: _____ Date: _____ Ref. # _____
Position: _____ Phone: _____
Company: _____ FAX: _____
Address: _____ E-mail: _____
_____ Date Quotation Req'd: _____

Firm Price Budget Price

The following will assist in the design of an economical solution to your liquid/liquid coalescer application. Please provide all known information (in either English or metric units) in the spaces provided and/or attach any supporting documentation. Please fax to us for prompt response. Data sheets are also available at www.koch-ottoyork.com/datasheets.htm if you prefer to e-mail.

■ APPLICATION:

Description of Process: _____

■ FEED CONDITIONS:

• Flow rate continuous phase _____ GPM (m³/h) • Flow rate dispersed phase _____ GPM (m³/h)
• Temperature (operating/design) _____ °F (°C) • Pressure (operating/design) _____ PSIA (bar)
• Interfacial tension _____ dyne/cm • Suspended solids (size/concentration) _____ microns _____ mg/l

■ WHAT IS IMMEDIATELY UPSTREAM OF THE COALESCER?

Centrifugal Pump Control Valve Heat Exchange Condenser
 In-line Static Mixer Impeller Type Mixer Tray or Packed Tower Storage Tank or Drum

■ LIQUID PHASE CHARACTERISTICS:

<u>PROPERTY</u>	<u>CONTINUOUS</u>	<u>DISPERSED</u>
Specific Gravity	_____	_____
Viscosity (centipoise)	_____	_____
Composition	_____	_____

PERFORMANCE REQUIRED:

Dispersed phase in continuous _____ ppm
Continuous phase in dispersed _____ ppm
Other performance requirements _____

VESSEL:

Existing New Material of construction: _____
If existing, are the coalescing elements already installed? Yes _____ No _____

INSTALLATION:

Through _____ inch (mm) I.D. manway Through full diameter open end.
Proposed material for coalescing media: _____

■ COMMENTS: _____

