

## Application Data Sheet (A.D.S.)

### I. Fluid Data: Physical & Chemical Properties (please specify units)

**FLUID** \_\_\_\_\_ % Concentration \_\_\_\_\_ Boiling Point \_\_\_\_\_  °F  °C  
**PUMPING TEMPERATURE (PT)** \_\_\_\_\_ Min Temp. \_\_\_\_\_ Max Temp. \_\_\_\_\_  °F  °C  
**VISCOSITY @ PT** \_\_\_\_\_ Min Visc. \_\_\_\_\_ Max Visc. \_\_\_\_\_  cP  cSt  SSU  
**SPECIFIC GRAVITY @ PT** \_\_\_\_\_ Vapor Pressure @ PT \_\_\_\_\_  PSI  mmHg

Suspended Solids:  Yes  No % Solids Conc. \_\_\_\_\_ Particle Size \_\_\_\_\_ μm SG \_\_\_\_\_

Toxic  Noxious  Flammable  Explosive  Corrosive  
 Abrasive  Crystallizes  Polymerizes  Shear Sensitive  Heat Sensitive  
 Other Properties \_\_\_\_\_

### II. Performance Data: Flow & Pressure (please specify units)

**FLOW RATE:** Normal \_\_\_\_\_ Min \_\_\_\_\_ Max \_\_\_\_\_  GPM  GPH  LPM  LPH  mL/min  m<sup>3</sup>/hr  
 Suction:  Flooded  Lift \_\_\_\_\_  ft  m  NPSHA \_\_\_\_\_  ft  m  
**SUCTION PRESSURE** \_\_\_\_\_  PSIA  bar (abs) **DISCHARGE PRESSURE** \_\_\_\_\_  PSIA  bar (abs)  
**DIFFERENTIAL PRESSURE/HEAD** \_\_\_\_\_  PSI  bar  MPa  kg/cm<sup>2</sup>  ft  m

### III. Motor Data:

Type:  AC MOTOR  DC MOTOR  AIR MOTOR  
 Power: \_\_\_\_\_  Hp  kW Speed: \_\_\_\_\_ RPM  
 AC Power Supply Frequency \_\_\_\_\_ Hz  1-Phase  3-Phase Voltage: \_\_\_\_\_  
 Motor Enclosure:  ODP  TE  XP-"T" Code \_\_\_\_\_  Other \_\_\_\_\_  
 NEMA Frame: \_\_\_\_\_ IEC Frame: \_\_\_\_\_  FootMount (B3)  Flange Mount (B5)  Face Mount (B14)

### IV. Location Data:

Type:  Indoor  Outdoor  
 Ambient Temperature Range: Min \_\_\_\_\_ Max \_\_\_\_\_  °F  °C  
 Sea Level  Elevation \_\_\_\_\_  ft  m  
 Hazardous Classification:  Class I (Gases or Vapors) ..... Division:  1  2 ..... Group:  A  B  C  D  
 Class II (Dust) ..... Division:  1  2 ..... Group:  E  F  G  
 Class III (Fibers) ..... Division:  1  2

### V. Comments: