Date _____

Distributor _____   Contact _____

Location _____   Phone _____

*Pump Model # _____   *Serial # _____

User _____   User Contact _____

Location _____   Phone _____

Operating Conditions

*Type of fluid _____   *Viscosity   (thick / thin) _____

*Discharge pressure _____   *Suction conditions _____

Fluid temperature _____   *Required flow rate _____

*Type of supply (air / gas etc _____   *Actual flow rate _____

*Supply pressure a the pump _____   *Conditon of Supply _____
                                           (wet , dry etc)

*Cycles per Minute (one suction stroke plus one discharge stroke = one cycle) _____

Analysis

*Description of problem _____

_____

_____

*Description of seal condition _____

*Description of plunger condition _____

*Has pump been repaired before? _____ *How long since repair? _____

*Was pump repaired with the same type seal, plunger etc as original? _____

*If not please give description of the components and why the change.

_____

* Must fill in information in these fields

See page 2 for further evaluation questions

107 Commission Blvd
Lafayette, LA 70508

Sidewinder
Chemical Metering Pump Evaluation

337-235-9838 Office
337-235-9852 Fax

Air Motor Assessment

Is the pump air motor cycling?   Yes _____   No _____

If not:

A) is air/gas blowing out exhaust port continously?   Yes _____   No _____

B) is air/gas being exhausted at all?   Yes _____   No _____

C) is cycle eratic   Yes _____   No _____

D) is air/gas escaping from around stroke adjuster?   Yes _____   No _____

E) is air/gas escaping from around valve body seals?   Yes _____   No _____

PUMP END ASSESSMENT

Air motor cycles but pump does not move fluid or build pressure

Is there a pump setting / calibration / drum gauge in the system?   Yes _____   No _____

Is there a pressure gauge on the air/gas supply at the pump   Yes _____   No _____
If yes, what is the pressure reading?   _____

Is there a pressure gauge on the discharge line of the pump?   Yes _____   No _____
If yes what is the pressure reading?   _____

Does the pump lose flow when the system starts to pressurize?   Yes _____   No _____

Is the plunger moving up & down   Yes _____   No _____
Observe plunger thru the breather port under the power head.

Is chemical appearing in the lube bottle or leaking out weep hole´   Yes _____   No _____

Isolating the pump setting / calibration gauge / drum gauge with the pump running:
Does the fluid in the gauge fluctuate up & down?   Yes _____   No _____

Does the fluid in the gauge move?   Yes _____   No _____