

Equipment Technical Bulletin

ILS OPL Pump Errors with Viton/Solvent Resistant Tubing



PROBLEM

Some customers are reporting pump errors on ILS OPL when used with Viton and/or solvent-resistant tubing in the 600 Series pump.

EXPLANATION

ILS OPL was designed for use with Silicone tubing. The various flow rates and current limits were set accordingly. Viton and solvent-resistant tubing are much stiffer, and so causes the motor current to exceed the limit. This results in aborted feeds and a “pump error” alarm is generated.

SOLUTION

Use Silicone tubing with ILS OPL. If you have a solvent chemical like dilimonene in it such that you must use Viton or solvent-resistant tubing, use a 100 Series pump instead of a 600 Series pump.

Code numbers are as follows:

100 Series Motor Gearbox	051351
100 Series Pump Cartridge	1206740
600 Series Wire Harness to 100 Series Pump Wire Adaptor (you will need 2 of these)	1206955



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