

FLUID PERFORMANCE TEST

Fluid Test Report No.: FT-0036

Lubricant Name: Magna Plate FCO 68

Manufacturer: JAX

Customer: Owens Corning

Application: Stamping

Contact Name: Jack Rohlfs

Contact Phone: 916-488-1998

Date: 1/7/2004

Test Date: 1/7/2004

Nozzle used: SWN-IL-NY-45-1

Item #: \_\_\_\_\_

Injector size:            1/2 Drop   
                                  1 Drop   
                                  2 Drops   
                                  4 Drops

Tubing Length (Ft.): 2 FT-Nylon

Injector configuration:  
Cycle Time:                Varied  
Dwell Time:                1 sec.  
Delay Time:                Varied

Regulator Pressure (PSI):                10 psi

Test Temperature  
Ambient   
Heated

Temperature (deg. F): \_\_\_\_\_

Test Objective: Determine spray coverage of lubricant per application.

Nozzle Gap Size (In.):                        NA

Nozzle Orifice Size (In.):                    0.046"

Spray Distance (In.):                        0.75"

Spray Width Achieved:                       0.25"

	<u>None</u>	<u>Low</u>	<u>Medium</u>	<u>High</u>
Pulse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Splatters	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Atomizes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overspray	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**TEST NOTES**

Cycled test system at 5 sec., 10 sec and 15 sec interval "OFF" times. Spray pattern was uniform (approx. 1/4" wide, 3/4" away from surface.) No spitting evident at 10 psi, however at lower pressures the pattern became inconsistent (spit/spatter).

Cycle time taken out to 60+ seconds. Pattern remained consistent at 10 psi nozzle air pressure.

Tested By: Steve Clancy

Sales: \_\_\_\_\_

Engineering: Steve Clancy