

FLUID PERFORMANCE TEST

Fluid Test Report No.: FT-0060

Lubricant Name: DRY FILM RA/IPA

Manufacturer: DuPont

Customer: Gulf Wire Corp.

Application: Coating Wire

Contact Name: Ray Dolan

Contact Phone: (281) 361-6060

Date: 12/10/2004

Test Date: 12/10/2004

Nozzle used: SWN-IL-NY-00-3

Item #: 570-85736-0003

Injector size: 1/2 Drop
 1 Drop
 2 Drops

Injector configuration:
Cycle Time: .5 Sec.
Dwell Time: .5 Sec.
Delay Time: 1 Sec.

Tubing Length (Ft.): 3-FT

Regulator Pressure (PSI): 7 Psi

Test Temperature
Ambient
Heated

Temperature (deg. F): _____

Test Objective: Determine if fluid can be used with an ORSCO system.

Nozzle Gap Size (In.): N/A

Nozzle Orifice Size (In.): 0.046

Spray Distance (In.): 1"

Spray Width Achieved: 1/8"-1/4"

	<u>None</u>	<u>Low</u>	<u>Medium</u>	<u>High</u>
Pulse	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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

This fluid performed best with the 2 drop injector. Spray width @ 1" away from a surface varied from 1/8" - 1/4" (injector frequency).
Fluid consistency was not reduced any from sample sent by customer. With the characteristics of this fluid (Dry Film) and the composition of Isopropyl Alcohol, a holding pressure and spray quality test for at least one week will be performed for a better conclusion.
Also to be noted a recirculating or mixing of the fluid would be required to use this product in the ORSCO system.

Tested By: Steve Gorski

Sales: _____

Engineering: Steve Gorski