

FLUID PERFORMANCE TEST

Fluid Test Report No.: FT-0053

Lubricant Name: KOLLIGEEN S 758-BLK

Manufacturer: Fuchs Lubricants Co.

Customer: HAPPY CO.

Application: _____

Contact Name: Matt shelton (HYDRA AIR)

Contact Phone: (317) 271-9288

Date: 8/2/2004

Test Date: 8/2/04-8/6/04

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

Item #: 570-85736-0003

Injector size: 1/2 Drop
 1 Drop
 2 Drops

Injector configuration:
Cycle Time: 6.5 Sec.
Dwell Time: .5 Sec.
Delay Time: 6 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: 1/4"

Spray Quality

	<u>None</u>	<u>Low</u>	<u>Medium</u>	<u>High</u>
Pulse	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Splatters	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Atomizes	<input checked="" type="checkbox"/>	<input 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 very good with the ORSCO system, (see spray qualities above) overnight holding pressures where documented for a one week period, (8/2 - 8/6) the static pressure between the nozzle & injector are 8/2 87 psi, 8/3 79 psi, 8/4 75 psi 8/5 76 psi, & 8/6 75 psi. Spray pattern was very consistant 7 psi nozzle air pressure appeared best.

Tested By: Steve Gorski

Sales: _____

Engineering: Steve Gorski