

FLUID PERFORMANCE TEST

Fluid Test Report No.: FT-0046

Lubricant Name: Pyrolube

Manufacturer: Pyrolube

Customer: Armstrong-Lubritech

Application: Chain

Contact Name: Jeff Lysaught (L) - Nathan Deutsch (A)

Contact Phone: 770-879-3020 Ext. 216 (Jeff)

Date: 5/11/2004

Test Date: 5/11/2004

Nozzle used: SWN-IL-NY-90-3

Item #: _____

Injector size: 1/2 Drop
 1 Drop
 2 Drops

Injector configuration:
Cycle Time: 5 seconds
Dwell Time: 0.5 seconds
Delay Time: 4.5 seconds

Tubing Length (Ft.): 5-FT NYLON

Regulator Pressure (PSI): 6 psig.

Test Temperature
Ambient
Heated

Temperature (deg. F): _____

Test Objective: To determine long term effects of graphite based lubricant on seal integrity. System to include pressure gauge between nozzle and injector to monitor line pressure.

Nozzle Gap Size (In.): NA

Nozzle Orifice Size (In.): 0.046"

Spray Distance (In.): 1/2"

Spray Width Achieved: 1/4"

	<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 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

Test to consist of cycling system 8 hrs. (overnight holding pressure recorded) and monitoring spray quality.

Week 1 (5/3-5/7): Nozzle holding pressure - 80 psig. Nozzle air pressure: 6 psig. Required 1 cycle before spray oil delivered.

Week 2 (5/10-5/14): Nozzle holding pressure - 80 psig. Nozzle air pressure: 6 psig. Required 1 cycle before oil delivered.

Week 3 (5/17-5/21): Nozzle holding pressure - 80 psig. Nozzle air pressure: 6 psig. Required 1 cycle before oil delivered.

Week 4 (5/24-5/28): Nozzle holding pressure - 80 psig. Nozzle air pressure: 6 psig. Required 1 cycle before oil delivered.

Week 5 (5/31-6/4): Nozzle holding pressure - 80 psig. Nozzle air pressure: 6 psig. Required 1 cycle before oil delivered.

Once oil delivered the spray pattern is consistent with above quality notes. Note: Holding pressure over weekend remained at 80 psig.

Tested By: Steve Clancy

Sales: _____

Engineering: Steve Clancy