

FLUID PERFORMANCE TEST

Fluid Test Report No.: FT-0005

Lubricant Name: JAX Pyro-Kote 220

Manufacturer: JAX

Customer: Montague Industrial

Application: Chain - Press Board

Contact Name: Barry Leiter

Contact Phone: (864) 915-6607

Date: 1/30/2003

Test Date: 1/31/2003

Nozzle used: (3) Pinpoint nozzles and one SFN nozzle 2" long tip.

Item #: _____

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

Injector configuration:
Cycle Time: 1.0 Sec - 21 sec.
Dwell Time: .5 Sec - 20.5 sec.
Delay Time: .5 Sec.

Tubing Length (Ft.): 3-FT

Regulator Pressure (PSI): 13 psig.

Test Temperature
Ambient
Heated

Temperature (deg. F): _____

Test Objective: Application requires four SWN pinpoint nozzles and one SFN nozzle. Need to determine whether additional regulator is required for the SFN nozzle.

Nozzle Gap Size (In.): .004"

Nozzle Orifice Size (In.): N/A

Spray Distance (In.): 2"

Spray Width Achieved: 2"

	<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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Splatters	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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

Fluid was tested with a 4 injector VS assembly. Three injectors fed SWN pinpoint nozzles and the fourth fed the SFN nozzle (2" lg tip).
Fluid was in the higher viscosity range and the result was all nozzles spray sufficiently well with a single regulator. An additional regulator would provide further control but may not be necessary for this application.
Increased off time of injector, SWN nozzles allowed the cycle time to be increased to 21 sec., however the SFN nozzle dried up before a 10 second cycle time could be achieved.

Tested By: _____

Sales: _____

Engineering: Steve Clancy