FLUID PERFORMANCE TEST

Fluid Test Report No.: FT-0001

Lubricant Name 4090 H1 Quinplex White Gear Lubricant
Manufacturer: Lubrication Engineers

Customer:
Application: Chain

Contact Name: Brian Miller
Contact Phone:

Date: 10/31/2002
Test Date: 11/7/2002

Nozzle used: SWN-IL-NC-00-3
Item # :

Injector size:
- 1/2 Drop ■
- 1 Drop ☐
- 2 Drops ☐

Injector configuration:
Tubing Length (Ft.): 3- FT

Cycle Time:	Varied from 1-20 seconds
Dwell Time:	0.5 seconds
Delay Time:	Varied from 0.5-20 seconds

Regulator Pressure (PSI): Varied from 5-15 psig

Test Temperature
- Ambient ■
- Heated ☐

Temperature (deg. F):

Test Objective: Determine if Lube will Spray Adequately with an Orsco System

Nozzle Gap Size (In.):	NA
Nozzle Orifice Size (In.):	0.046
Spray Distance (In.):	.5-1 Inch
Spray Width Achieved:	Varied from 3/16" - 1/2"

Spray Quality

	None	Low	Medium	High
Pulse	☐	☐	☐	☐
Spits	☐	■	☐	☐
Splatters	☐	☐	☐	☐
Atomizes	☐	☐	☐	☐
Overspray	☐	■	☐	☐

TEST NOTES

The Tacifyer present in the lube caused for a slow Bleed procedure at the drain cock (VS- Assy.) . Once bled out to nozzle (line filled check at nozzle maintained) Lubricant sprayed very consistent & held an accurate pattern. (15- PSIG. Nozzle air) @ 20 seconds delay time this lube performed very well through-out the 20 second inj. Cycle. In conclusion I would recommend this Lubricant for the customers application (chain) and the nozzle used to test it with in a continuous application. Note: end user has a 30 Deg. F Environment we did not test with these conditions.

Tested By: Steve Gorski
Sales:
Engineering: