

RMA Date:	3/22/2004
Originator:	MCCONNELL MATTHEW
Sales Engineer:	
Marketing:	

Reason For Return

Class: 24 (Application/Competitive Testing)

RETURN PUMPS TO BLUFFTON FOR OEM APPLICATION TESTING. AFTER ANALYSIS IS COMPLETE, PLEASE STORE PUMPS FOR REFERENCE

Qty	Part Number	Disposition	Date Code	Seq	Report Date	Warranty Status	Approval
1	4 INCH PUMP	Store for Reference	****		4/6/2004	N/A	No Credit

Analysis

Dynatech DT 8-13 pump - see attached Excel spreadsheet for pump curve.

Maximum load, 2.9 HP, occurs at a flow rate of 9.5 cubic meters per hour (~ 40 GPM) and is considered acceptable. Maximum thrust (shut-off) is 311 pounds, well within the 900 pound rating of the motor. Upthrust could occur at flow rates above 12 cubic meters per hour.

1	6 INCH PUMP	Store for Reference	****		4/6/2004	N/A	No Credit
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Analysis

Dynatech DT 46-7 pump - see attached Excel spreadsheet for pump curve.

Maximum load, 14.7 HP, occurs at wide-open (64 cubic meters per hour, or 283 GPM) and is considered acceptable. Maximum thrust (shut-off) is 903 pounds, well within the 3500 pound rating of the motor. Upthrust could occur at flow rates above 55 cubic meters per hour.