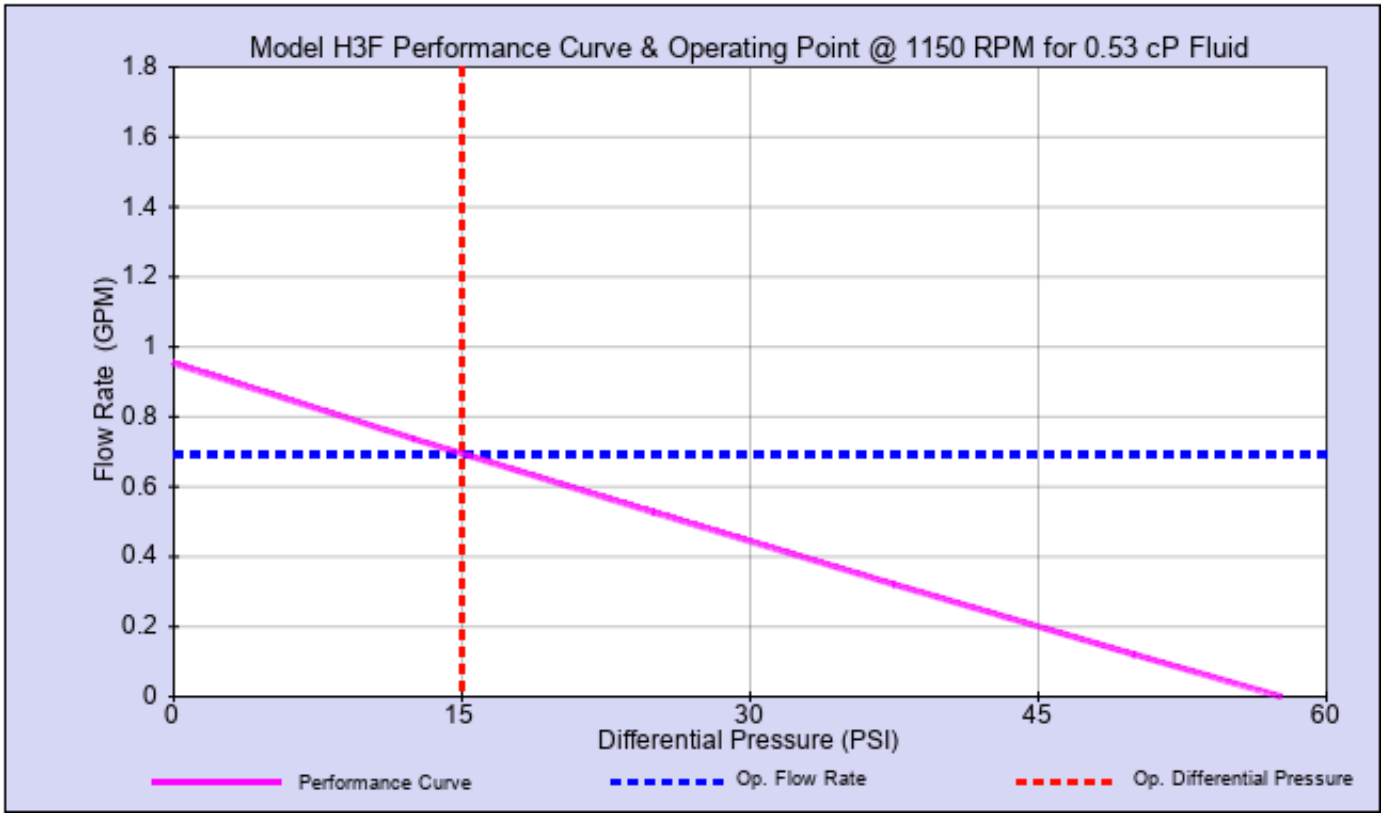
Performance Curve & Application Summary

Customer: DXP- Cortech
Project: 18-J-276/276S
Date: Feb 3, 2022
App. ID#: 8069



CONDITIONS of SERVICE:

FLUID:	Sour Water	DENSITY:	0.99 (SG)
FLOW RATE:	0.69 GPM	SUCTION PRESSURE:	2.4 PSI (g)
DIFFERENTIAL PRESSURE:	**15.00 PSI**	DISCHARGE PRESSURE:	17.4 PSI (g)
VISCOSITY:	0.53 cP	VAPOR PRESSURE:	15.7 PSI
TEMPERATURE:	124 °F	NPSHA:	3.25 ft H2O

(a) **PUMP SELECTION & OPERATING DATA:**

		MAX. DIFF. PRESSURE:	57.64 PSI *
MODEL & CONFIGURATION:	**H3F Mag-Drive**	REQUIRED SPEED:	915 RPM
SELECTED CLEARANCE:	Standard	RUNNING TORQUE:	2.98 in-lb
COUPLING SIZE & RATING:	MCU (75 in-lb)	START-UP TORQUE:	4.05 in-lb
NPSHR:	2 ft H2O (a)	BRAKE POWER:	0.04 Hp
CONTROL METHOD:	**Motor @ Rated Speed**	SUPPLY FREQUENCY:	60 Hz
OPERATING SPEED:	**1150 RPM**	MOTOR RATED SPEED:	1150 RPM
RUNNING TORQUE:	2.98 in-lb	MOTOR REQUIRED POWER:	**0.06 Hp ****
ADJUSTED FLOW:	**0.69 GPM**	REDUCER RATIO:	---
C. CAN MATERIAL	Alloy-C	C. CAN POWER LOSS:	0.008 Hp

* Maximum Differential Pressure confirmed based on material selections.

** Motor Required Power includes Containment Can Power Loss at operating conditions.

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