



CERTIFIED PERFORMANCE TEST REQUEST FORM – VANE PUMPS

INSTRUCTIONS

- Please complete and submit this form with your written pump order (or include on Blackmer's on-line order entry tool). We cannot process your order until Blackmer receives this completed form.
- Highlighted fields require data entry.
- If you have questions, please contact Application Engineering Help Line at (616) 475-9340.
- Please see page 2 for testing limitations and notes.

CUSTOMER CONTACT INFORMATION

Customer:		Contact Name:	
Date:		Phone:	
		Email:	
Purchase Order:		Pump Model:	
		Proposal/Item No.:	

REQUESTED TESTS	NOT REQUIRED	NON-WITNESSED	WITNESSED
Performance Test			
Hydrostatic Test			
NPSHr (specify parameter below)			

TEST CONDITIONS

PARAMETER	FACTORY STANDARD UNITS	SPECIFIED VALUES
PUMP SPEED	RPM	
FLOW RATE		
DIFFERENTIAL PRESSURE		
VISCOSITY (see notes)		
POWER		
NPSHr	FT of WATER	

CUSTOMER COMMENTS AND NOTES

BLACKMER INTERNAL REVIEW

Reviewed By:		Date:	
Blackmer Order No:		Order-line:	

TEST LIMITATIONS AND NOTES

Test Standard – Blackmer references the Hydraulic Institute Standards for Level A – Rotary Pumps.

Test Liquid – Test liquid for cast iron and ductile iron pumps will be Safety Solvent or oils to avoid corrosion. Water is test liquid for stainless steel pumps.

Test Liquid Viscosity – The default viscosity is 31 SSU. Available alternate viscosities are 100 SSU, 500 SSU, 1000 SSU, and 4000 SSU.

Pump Tests for Sizes ¾" to 4" – Blackmer will document serial number, pump model and type, test date, viscosity, and RPM. Plotted data will include pump brake horsepower, flow rate at a specified differential pressure, up to but not inclusive of relief valve.

Test Limitations for 6", 8", and 10" Pumps – Testing for these pumps are run on Blackmer production test equipment. We are limited to 230 RPM, and a test liquid viscosity of 31 SSU.

Pump Tests for Sizes 6", 8", 10" - Blackmer will document serial number, pump model and type, test date, viscosity, and RPM. Plotted data will include pump flow rate at a specified differential pressure, up to but not inclusive of relief valve.

Results Presentation – Results will be summarized and presented in Factory Standard Units or Customer Standard Unit if specified by customer.