

PTO WORKSHEET FOR FIRE PUMPS

F-2028-2 5/15

Waterous Order No						Customer Order No							5/15	
										0				
Truc	k Trans	mission N	/lake & Mod	del				C	helsea App	olication No				
Pow	er Take	-Off Mode	el		Rotati	Rotation PTO Location				PTO Rating		HP/1000 RPM		
Pum	Pump Model					Ratio Impeller(s)								
Tran	smissio	ns). The	PTO listed	on this work	•	a suggestion	of one PTO	that may be	suitable fo	ld be avoided (se or this appreciation			•	
						_	TO Selection	on Formula						
1)	1) A, B, C and L can be read from Pump Curve and H from PTO catalog.													
2	2) To obtain E, divide by C and D.													
3))	To obtain	F, multiply	E by PTO r	ating and divid	de by 1,000.								
4))	To obtain	G, divide l	_ by F, multi	oly by 100 and	subtract 10	0.							
 To obtain G, divide L by F, multiply by 100 and subtract 100. To obtain J, divide E by H, multiply by 100. 														
6		To obtain	K, multiply	F bv .70.										
7				•	, 1	multiply by .7	7 for continue	ous torque ra	atina					
8)					quired of pum			3 di	9	·				
	Α	В	С	D	Е	F	G	Н	J	K	L	М		
	GPM	PSI	Pump Impeller RPM	Pump Ratio	PTO Output Shaft	PTO HP Available	% of PTO Overload	PTO % of Engine RPM	Engine RPM	Continuous PTO HP Available	Pump HP Required	Torque Required by Pump		

Α	В	С	D	E	F	G	Н	J	K	L	М
GPM	PSI	Pump Impeller RPM	Pump Ratio	PTO Output Shaft Speed	PTO HP Available	% of PTO Overload	PTO % of Engine RPM	Engine RPM	Continuous PTO HP Available	Pump HP Required	Torque Required by Pump
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