



**PV Fluid  
Products**

# Performance Summary (Imperial)

Model No.	Lobe Config	No. Stages	Compatible					Stator			Disp Rev/Gal	Flow GPM	No Load RPM	Max dp psi	TR75			HS88		
			R&M	NOV	DD	BT	WF	Roper	OAL in.	ID in.					OD in.	EFF.dp psi	Torque@Max Eff Diff psi	Max dp psi	EFF.dp psi	Torque@Max Eff Diff psi
375435	4:5	3.5	X	X	X			X	141.00	3.00	3.75	1.54	100 - 160	154 - 246	437	355	632	665	583	1001
475460	4:5	6.0	X	X	X	X	X	X	187.00	3.75	4.75	1.03	100 - 250	103 - 258	713	619	1446	1085	1009	2441
475463	4:5	6.3	X	X	X	X	X	X	207.00	3.75	4.75	1.03	100 - 250	103 - 258	782	705	1727	1190	1113	2681
475567	5:6	6.7			X				188.00	3.88	4.75	1.01	100 - 350	101 - 354	897	735	2158	1365	1203	3345
475583	5:6	8.3	X	X	X	X	X		242.60	3.75	4.75	1.02	100 - 300	102 - 306	1150	1023	2576	1750	1614	3968
475726	7:8	2.6	X	X	X	X	X		229.30	3.75	4.75	0.26	100 - 300	26 - 78	506	328	4555	770	590	7079
475729	7:8	2.9		X	X	X			250.00	3.75	4.75	0.32	100 - 250	32 - 80	529	342	4072	805	615	6359
475731	7:8	3.1	X		X				238.00	3.75	4.75	0.31	100 - 275	31 - 85	598	427	4532	910	736	7033
475737	7:8	3.7			X	X	X		235.00	3.88	4.75	0.37	100 - 350	37 - 130	713	530	4620	1085	898	6349
475738	7:8	3.8	X	X	X	X	X	X	187.00	3.75	4.75	0.52	100 - 250	52 - 130	713	551	3186	1085	923	4965
475750	7:8	5.0			X	X	X	X	198.00	3.88	5.00	0.69	150 - 300	104 - 207	966	710	3564	1470	1214	5612
500545	5:6	4.5							122.00	3.75	5.00	1.55	75 - 210	116 - 326	621	575	732	945	894	1128
500660	6:7	6.0	X	X	X			X	185.00	4.00	5.00	0.84	150 - 300	126 - 252	989	772	2709	1505	1288	4233
500670	6:7	7.0							212.00	5.00	5.00	0.85	100 - 350	85 - 298	1150	1534	5014	1750	1527	4993
500680	6:7	8.0	X	X	X	X	X		250.00	4.00	5.00	0.84	150 - 350	126 - 294	1357	1133	3829	2065	1833	5897
500688	6:7	8.8							275.00	4.20	5.00	0.68	150 - 400	102 - 272	1472	1066	4927	2240	2026	7981
625733	7:8	3.3			X	X	X		260.00	5.00	6.25	0.16	300 - 500	48 - 80	621	453	8987	945	773	14241
625735	7:8	3.5	X	X	X	X			231.25	5.00	6.25	0.17	150 - 400	26 - 68	667	571	7642	1015	916	11768
625748	7:8	4.8	X	X	X	X	X	X	203.50	5.00	6.25	0.36	150 - 400	54 - 144	897	740	6530	1365	1203	10078
650545	5:6	4.5							130.00	5.00	6.50	0.63	200 - 600	126 - 378	667	518	2326	1015	866	3625
675470	4:5	7.0	X	X	X	X	X	X	214.60	5.50	6.75	0.50	300 - 600	150 - 300	828	734	3598	1260	1159	5571
675650	6:7	5.0	X	X	X	X	X	X	200.00	5.50	6.75	0.31	300 - 600	93 - 186	828	683	6288	1260	1108	9762
675729	7:8	2.9		X	X	X			220.00	5.50	6.75	0.14	300 - 600	42 - 84	575	416	8035	875	713	12597
675733	7:8	3.3	X	X	X	X			245.00	5.50	6.75	0.17	300 - 600	51 - 102	621	408	9883	945	729	15610
675750	7:8	5.0	X	X	X	X	X	X	204.00	5.50	6.75	0.28	300 - 600	84 - 168	989	763	8167	1505	1279	12813
675757	7:8	5.7		X	X	X			260.00	5.50	6.75	0.24	300 - 600	57 - 114	1081	915	10299	1645	1509	15922
675760	7:8	6.0	X	X	X	X	X	X	235.00	5.50	6.75	0.28	300 - 600	84 - 168	1150	939	9669	1750	1533	15026
675764	7:8	6.4	X	X	X	X			245.00	5.50	6.75	0.28	300 - 600	84 - 168	1196	983	10065	1820	1601	15639

Performance curves for reference only. Data is based on new rotor and stator nominal dimensions. Performance downhole may vary based on drilling conditions and rotor/stator fit. Operating over the specified limits may result in damage to the power section and/or connected components. Information is subject to change. ©2017 PV Fluid Products Ltd. All rights reserved. For more information visit [www.pvfluid.com](http://www.pvfluid.com) Data current as of March 31, 2017



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			R&M	NOV	DD	BT	WF	Roper	OAL in.	ID in.					OD in.	EFF.dp psi	Torque@Max Eff Diff psi	Max dp psi	EFF.dp psi	Torque@Max Eff Diff psi
700582	5:6	8.2			X	X			246.00	5.50	7.00	0.41	300 - 600	123 - 246	1150	1037	6211	1715	1602	9436
700768	7:8	6.8			X	X			246.00	5.75	7.00	0.30	300 - 600	90 - 180	1242	1073	9352	1890	1714	14467
700775	7:8	7.5		X					250.00	5.75	7.00	0.31	300 - 600	93 - 186	1426	1251	10131	2170	1987	15430
800453	4:5	5.3	X	X	X	X	X		228.00	6.25	8.00	0.26	400 - 900	104 - 234	621	525	5404	945	843	8371
800550	5:6	5.0	X	X	X				168.00	6.25	8.00	0.30	300 - 900	90 - 270	713	550	5374	1085	948	8300
800640	6:7	4.0	X	X	X	X	X		206.00	6.25	8.00	0.18	300 - 900	54 - 162	667	490	8793	1015	838	13698
800722	7:8	2.2	X						228.00	6.25	8.00	0.09	600 - 900	54 - 81	437	176	11773	665	401	18474
800740	7:8	4.0	X	X	X	X	X	X	206.00	6.25	8.00	0.18	300 - 900	54 - 162	736	468	11030	1120	849	17121
962650	6:7	5.0		X	X	X	X		208.00	7.88	9.63	0.13	600 - 1200	78 - 156	828	701	14011	1260	1128	21731