

V10-3728 X-REF 06F 109 257 C

CONTROL VALVE, CAMSHAFT ADJUSTMENT

11314

TEST-CONDITIONS

Batch quantity 3
 Oil temp $40 \pm 5^\circ \text{C}$
 Oil pressure $300 \pm 50 \text{ Kpa}$
 Frequency 250 Hz
 Test voltage 12 V

SPECIFICATION

42.5 - 52.5 % going up 37.5 - 47.5 % going down
 Low flow rate: 2480 - 2600 ml/min



FREQUENCY VS. OIL FLOW VOLUME

Duty Cycle % (x10)	06F 109 257 C OE part (ml/min)	V10-3728 Sample 1 (ml/min)	V10-3728 Sample 2 (ml/min)	V10-3728 Sample 3 (ml/min)
101	4677	4896	4879	4806
106	4655	4857	4890	4791
111	4664	4918	4919	4794
116	4719	4894	4888	4824
121	4691	4878	4890	4785
126	4706	4882	4922	4759
131	4680	4887	4889	4746
136	4672	4902	4891	4758
141	4692	4893	4918	4806
146	4693	4860	4886	4769
151	4702	4866	4888	4797
156	4725	4842	4911	4821
161	4665	4856	4973	4797
166	4666	4855	4970	4758
171	4679	4838	4898	4741
176	4699	4852	4895	4754
181	4725	4855	4871	4759
186	4680	4846	4888	4759
191	4665	4862	4917	4775

Duty Cycle % (x10)	06F 109 257 C OE part (ml/min)	V10-3728 Sample 1 (ml/min)	V10-3728 Sample 2 (ml/min)	V10-3728 Sample 3 (ml/min)
196	4659	4865	4887	4821
201	4691	4840	4896	4797
206	4727	4850	4921	4799
211	4700	4855	4883	4771
216	4663	4838	4875	4759
221	4655	4853	4902	4755
226	4691	4858	4873	4733
231	4722	4843	4872	4767
236	4697	4857	4892	4803
241	4699	4858	4867	4778
246	4648	4834	4871	4784
251	4661	4844	4890	4769
256	4707	4848	4861	4738
261	4691	4828	4831	4737
266	4697	4848	4804	4717
271	4644	4840	4816	4747
276	4653	4814	4813	4786
281	4669	4823	4797	4762
286	4660	4863	4806	4763

Duty Cycle % (x10)	06F 109 257 C OE part (ml/min)	V10-3728 Sample 1 (ml/min)	V10-3728 Sample 2 (ml/min)	V10-3728 Sample 3 (ml/min)
291	4671	4834	4808	4703
296	4651	4842	4782	4711
301	4631	4863	4814	4728
306	4665	4851	4834	4719
311	4656	4846	4818	4736
316	4675	4870	4816	4758
321	4618	4843	4836	4691
326	4662	4831	4803	4682
331	4632	4845	4763	4679
336	4612	4780	4739	4697
341	4589	4771	4743	4717
346	4607	4735	4755	4643
351	4560	4741	4727	4642
356	4571	4782	4739	4614
361	4528	4747	4752	4612
366	4530	4750	4672	4585
371	4479	4738	4649	4527
376	4429	4657	4629	4456
381	4306	4653	4581	4316

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386	4173	4593	4535	4148
391	4028	4540	4494	3783
396	3819	4458	4435	3465
401	3535	4253	4317	3088
406	3112	3902	3936	2905
411	2876	3409	3099	2853
416	2725	3130	2616	2804
421	2748	3004	2513	2709
426	2755	2961	2439	2668
431	2753	2871	2360	2654
436	2727	2851	2251	2671
441	2698	2836	2236	2612
446	2646	2787	2197	2643
451	2498	2733	2141	2647
456	2499	2715	2083	2637
461	2480	2701	2119	2667
466	2542	2755	2096	2630
471	2546	2701	2068	2666
476	2481	2693	2074	2681
481	2492	2683	2111	2647
486	2598	2749	2110	2723
491	2611	2756	2087	2699
496	2584	2754	2173	2801
501	2580	2768	2155	2788
506	2588	2781	2275	2825
511	2584	2826	2350	2937
516	3177	2900	2388	3012
521	4134	2971	2428	3223
526	4151	3021	2459	3594
531	4144	3105	2478	3861
536	4143	3337	2530	4035
541	4145	3818	2577	4346
546	4150	3934	2553	4540

Duty Cycle % (x10)	06F 109 257 C OE part (ml/min)	V10-3728 Sample 1 (ml/min)	V10-3728 Sample 2 (ml/min)	V10-3728 Sample 3 (ml/min)
551	4581	4008	2530	4560
556	4629	4390	2502	4591
561	4634	4542	2542	4713
566	4613	4581	2575	4748
571	4582	4677	2551	4701
576	4615	4704	2804	4719
581	4645	4753	4440	4649
586	4603	4774	4599	4667
591	4641	4787	4639	4699
596	4664	4833	4696	4721
601	4703	4869	4694	4756
606	4728	4845	4688	4697
611	4686	4866	4699	4697
616	4689	4910	4698	4716
621	4663	4884	4730	4754
626	4678	4897	4728	4789
631	4708	4930	4736	4770
636	4709	4905	4740	4750
641	4695	4911	4716	4716
646	4668	4925	4721	4732
651	4670	4889	4755	4758
656	4712	4917	4772	4755
661	4739	4947	4763	4770
666	4764	4952	4727	4794
671	4730	4952	4738	4772
676	4727	4965	4754	4738
681	4730	4957	4746	4718
686	4699	4940	4756	4733
691	4703	4930	4773	4781
696	4747	4944	4783	4757
701	4752	4929	4779	4770
702	4768	4944	4724	4726
697	4765	4928	4804	4713

Duty Cycle % (x10)	06F 109 257 C OE part (ml/min)	V10-3728 Sample 1 (ml/min)	V10-3728 Sample 2 (ml/min)	V10-3728 Sample 3 (ml/min)
692	4738	4908	4898	4754
687	4749	4918	4826	4745
682	4764	4892	4776	4761
677	4757	4900	4807	4786
672	4765	4926	4795	4763
667	4782	4903	4831	4733
662	4786	4914	4826	4719
657	4784	4925	4794	4746
652	4740	4892	4808	4777
647	4748	4910	4772	4765
642	4758	4926	4777	4766
637	4733	4909	4793	4786
632	4750	4925	4765	4726
627	4779	4933	4783	4727
622	4772	4917	4805	4719
617	4784	4920	4820	4752
612	4791	4948	4823	4791
607	4750	4951	4800	4761
602	4745	4948	4792	4766
597	4714	4955	4802	4710
592	4721	4946	4771	4729
587	4736	4938	4772	4741
582	4728	4926	4787	4732
577	4747	4930	4782	4749
572	4774	4923	4789	4772
567	4758	4911	4802	4729
562	4712	4921	4812	4689
557	4682	4920	4805	4659
552	4709	4921	4775	4699
547	4708	4924	4788	4716
542	4729	4880	4789	4681
537	4719	4892	4765	4631
532	4606	4905	4770	4613

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527	4603	4885	4775	4627
522	4621	4897	4715	4610
517	4631	4874	4516	4572
512	4617	4636	4025	4430
507	4589	3919	3135	4232
502	4603	3087	2853	3803
497	3971	2997	2760	3029
492	3455	2974	2523	2959
487	3465	2995	2422	2946
482	3472	2959	2364	2896
477	3453	2958	2284	2940
472	3459	2970	2220	2942
467	3246	2943	2156	2928
462	2561	2942	2117	2918
457	2575	2987	2134	2918
452	2543	2929	2081	2916
447	2513	2932	2056	2856
442	2574	2983	2103	2629
437	2546	2953	2086	2667
432	2509	2735	2053	2600
427	2504	2778	2030	2641
422	2479	2812	2053	2651
417	2551	2802	2030	2651
412	2547	2763	2045	2691
407	2504	2800	2022	2671
402	2660	2759	2024	2700
397	2794	2744	2008	2774
392	2816	2772	2007	2932
387	2836	2774	2559	3025
382	2821	2792	2618	3091
377	2810	2793	2640	3709
372	2819	2734	2614	3945
367	2827	2723	2610	3989

Duty Cycle % (x10)	06F 109 257 C OE part (ml/min)	V10-3728 Sample 1 (ml/min)	V10-3728 Sample 2 (ml/min)	V10-3728 Sample 3 (ml/min)
362	2818	3393	2619	4252
357	2827	4211	2619	4361
352	4308	4395	2591	4389
347	4486	4446	2627	4380
342	4483	4522	2618	4436
337	4454	4590	2600	4502
332	4465	4643	2653	4447
327	4510	4662	2608	4412
322	4634	4680	2641	4428
317	4599	4692	2641	4493
312	4609	4717	2608	4753
307	4646	4755	2668	4725
302	4657	4805	2617	4699
297	4647	4810	3248	4689
292	4646	4833	4651	4722
287	4655	4848	4674	4776
282	4697	4846	4696	4768
277	4703	4861	4679	4735
272	4682	4828	4714	4711
267	4646	4850	4755	4728
262	4667	4865	4775	4755
257	4723	4839	4771	4737
252	4732	4856	4761	4769
247	4708	4863	4777	4799
242	4687	4833	4792	4790
237	4694	4857	4770	4755
232	4707	4869	4785	4738
227	4706	4848	4834	4752
222	4724	4862	4835	4780
217	4742	4880	4829	4763
212	4704	4853	4853	4807
207	4698	4871	4848	4824
202	4658	4884	4867	4805

Duty Cycle % (x10)	06F 109 257 C OE part (ml/min)	V10-3728 Sample 1 (ml/min)	V10-3728 Sample 2 (ml/min)	V10-3728 Sample 3 (ml/min)
197	4673	4866	4859	4812
192	4698	4872	4840	4778
187	4673	4886	4853	4770
182	4677	4858	4825	4773
177	4637	4869	4851	4748
172	4663	4889	4866	4786
167	4683	4856	4832	4817
162	4788	4873	4839	4793
157	4778	4887	4859	4808
152	4685	4855	4837	4836
147	4653	4869	4852	4819
142	4669	4881	4858	4816
137	4685	4854	4829	4763
132	4705	4867	4847	4781
127	4654	4881	4862	4782
122	4666	4853	4830	4762
117	4665	4862	4843	4800
112	4687	4881	4867	4825
107	4703	4848	4848	4810
102	4668	4831	4845	4820
97	4655	4882	4873	4840

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OE SAMPLE 06F 109 257 C



VAICO V10-3728

