

FLASHLUBE TEST RESULTS

AG AUTOGAS SYSTEMS (the Netherlands) conducted independent FLASHLUBE tests on the following vehicles:

- HONDA CR-V
- HONDA ACCORD 2.0i-16V

Email received 08/03/00 re FLASHLUBE independent testing

- From: A.v.d. Brink <avdbrink@auto-lpg.com>
- To Flashlube
- Date: Wednesday, 8 March 2000 2:37
- Subject: FLASHLUBE test AG Autogas systems.

Dear Mr Dean,

Testing to 10,000km takes more time than expected but we have received the first positive result from a Dutch Honda CRV customer. Normally this engine show heavy recession and no valve clearance left after 10,000km. Now with FLASHLUBE the 10,000km result is less than 0.05mm reduction which is remarkably good!!!

Coming weeks I expect the 10,000km results from our French dealers.

As soon as I have more information I will contact you.

With kind regards,

Alfred van den Brink
AG Autogas systems.

BRAND/TYPEREHICLE: HONDA CR-V**ENGINE TYPE: B20B3****KILOMETERS BEFORE FITTING: 21736**Measured valve clearance **before** using Flashlube (1/10mm):

	Date	Cylinder 1		Cylinder 2		Cylinder 3		Cylinder 4	
		in/in	out/out	in/in	out/out	in/in	out/out	in/in	out/out
Check #1	08/11/99	25/25	30/30	25/25	30/30	25/25	30/30	25/25	30/30
Check #2	22/01/00	15/15	5/5	15/15	5/5	15/15	5/5	15/15	5/5
Valve wear (31915km)		10/10	25/25	10/10	25/25	10/10	25/25	10/10	25/25

Measured valve clearance **after** using Flashlube (1/10 mm)

	Date	Cylinder 1		Cylinder 2		Cylinder 3		Cylinder 4	
		in/in	out/out	in/in	out/out	in/in	out/out	in/in	out/out
Check #1	22/02/00	25/25	30/30	25/25	30/30	25/25	30/30	25/25	30/30
Check #2	24/05/00	25/25	26/27	25/25	27/28	25/25	28/28	25/25	27/26
Valve wear (41568km)		0/0	4/3	0/0	3/2	0/0	2/2	0/0	3/4
Check #3	27/07/00	25/25	28/27	25/25	28/27	25/25	28/29	25/25	28/28
Valve wear (52463km)		0/0	2/3	0/0	2/3	0/0	2/1	0/0	2/2

BRAND/TYPEREHICLE: HONDA ACCORD 2.01-16V**ENGINE TYPE: F20Z2B****KILOMETERS BEFORE FITTING: 70000**Measured valve clearance **before** using Flashlube (1/10mm):

	Date	Cylinder 1		Cylinder 2		Cylinder 3		Cylinder 4	
		in/in	out/out	in/in	out/out	in/in	out/out	in/in	out/out
Check #1	09/10/99	25/25	30/30	25/25	30/30	25/25	30/30	25/25	30/30
Check #2	22/12/99	20/20	10/15	20/15	10/10	20/20	15/10	20/20	10/10
Valve wear (84162km)		5/5	20/15	5/10	20/20	5/5	15/20	5/5	20/20
Check #3	-	-	-	-	-	-	-	-	-

Measured valve clearance **after** using Flashlube (1/10mm):

	Date	Cylinder 1		Cylinder 2		Cylinder 3		Cylinder 4	
		in/in	out/out	in/in	out/out	in/in	out/out	in/in	out/out
Check #1	22/12/99	25/25	30/30	25/25	30/30	25/25	30/30	25/25	30/30
Check #2	24/03/00	20/20	15/15	25/25	25/25	25/25	25/25	15/20	20/15
*Valve wear (98215km)		5/5	15/15	0/0	5/5	0/0	5/5	10/5	10/15
Check #3	22/06/00	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
Valve wear (112621km)		0/0	5/5	0/0	5/5	0/0	5/5	0/0	5/5

*Please note: that after fitting the Flashlube system to the engine, the vacuum connection was made in between the second and third cylinder. Therefore, the lubricant was only distributed into cylinder no. 2 and no. 3, which can be seen from the valve wear pattern of these cylinders compared to n.1 and n.4. This may be a very clear result to convince your customers that the system works.