

Date	Daily Video URL	Temp (C)	Humidity (%)	Cyan 1	Cyan 2	Magenta 1	Magenta 2	Yellow 1	Yellow 2	Black 1	Black 2	Operator Notes
20-09-22 Morning	https://vimeo.com/7514216550f694e407a (3:08)	23	35	225775	225775	224738	224738	223319	223319	224508 (Steve)	224508 (Steve)	First nozzle check was fine. All went fine, but did not do a clean. Ran a test print to clean black from yellow. Did no ink changes during the print. Print started 7am, to finish at 3:30pm (90m) After the roll finished at 3PM, I did a nozzle check. It was perfect. I did a clean, and the nozzles of black went bad. Several cleans later (Short, Long, Long), I could not recover them. I left the machine to sit overnight when it shouldn't do a self clean as time is 18h in Sleep mode. I did not check if there was air in the lines First nozzle check same as day before. Did a variety of cleans and prints (1m) to try to clear it up, worked somewhat. Now leaving the machine for a couple hours before doing the next round of cleans and prints Did a nozzle check, no good. Did a series of cleans, then prints, then cleans etc. Tried short, long, etc. Did not resolve the situation, will let the printer sit for longer. Air visible in lines now I have taken the cover off. Did a clean between first and second videos. The clean presented the air into the line of the left head. Did a further clean, watched the air bubbles in the lines, the clean did not force the air to "suck" the air bubbles clean - they just remained in the line. Nozzle check same as the end of 21-09, no improvement sitting for a day and half. Ran multiple checks, test prints, etc. didn't clear up. Did not do a clean, was too worried that it would go bad and prevent me from printing a roll. Eventually, started printing a roll with a few nozzles missing. Roll printed fine. The print finished no problems. Did a nozzle check afterwards, same as before printing the roll. Although I have all cleaning turned off in MSM / Remote panel (Print time, wait time, before print are all OFF) the machine forces a clean after a roll print before the next print (and sometimes after a Media Initial). That's what it did, and at that point one of the two blacks went bad. This now prevents me from doing a second roll today overnight, and hopefully by Monday it's fixed itself just sitting. I did 4 cleans in a row, long, short, normal, long, and has 80% recovered, but not good enough to print now / today. Nozzle check same as the end of previous day. Did a clean to clear them up. They did clear up but others went. Left machine for 30 minutes to let it self heal. Nozzles mostly came back except 2. When loaded new paper, eventually all came back except 1. Ran the roll anyway, print started and whole roll should print without issue (normal) Print finished fine, nozzle check basically same as when roll started. Tried to do test print after the roll finished, and it forced a clean. The clean destroyed one of the nozzle checks. Air visible in lines. Did a short, normal, and then long clean. Improved a little, but not enough to load next roll. Will let machine sit overnight now. Nozzle check in morning was basically the same as the previous day. Did many different cleans, long, normal, short etc. Also did some 1.5m long black only prints to exercise the nozzles. Cleared up most, except for the black that was being an issue still had 4-5 missing nozzles. Ran a roll anyway, as there was no solid black on the roll, just a very little bit in a gradient. Curious to see results of a nozzle & clean after the print finishes given very little black has been used on the print. Same as previous, clean after print causes air in lines. This print had VERY little black, no improvement. Nozzles improved significantly after a short, normal and long clean but still not good. Updated clean time during sleep to 4h from 18h to hopefully clear the nozzles for me by the time I get in in the morning. Today was exhausting. The nozzle check was the same as the day before and I basically spent from 6am to 3pm doing cleans, waiting, etc trying to get them cleared up. Just watch the video. Could get it to the point where there were missing - I had to run the roll, so went ahead and started a print. First nozzle check was a bit fuzzy. Did a short clean and it improved CMY without ruining K. Still the same missing nozzles from 25-09 there, but nothing made further worse. Machine put to sleep on 8h clean cycle. I will print tomorrow, nothing for today. Another long day. The nozzle check was same as the day before, but I decided to do a long clean just before printing. It resulted in one of the channels going TERRIBLE. Did many cleans to get it better, only to do a clean and it went really bad again. Did some prints, more cleans, and no real improvement. Finally decided to do a little change and boom, it was almost perfect. Let it sit for a little, did a small test print, let it sit again (not long, maybe 15 minutes) and it went back to a full perfect nozzle check . Started printing this next roll. Print finished overnight. First thing nozzle check was PERFECT for all black nozzles. The others were a fuzzy. Did not run a print after first nozzle check (6:30am), let it sit. Did another nozzle check at 3pm. Basically same. Ran a test print, it did the 'clean before print' clean, which did not run any of the black. The test print turned out OK. Same check after was also good. Machine put to sleep on a 12h clean cycle to be used on Tuesday (not in Monday). Did a small 3m print here just to do some tests on Monti. Nozzle check perfect at start. Ran the print perfectly. Perfect nozzle check afterwards - no change Did a perfect nozzle check at the start of session. Ran the standard CMYK test print without issue - perfect result. Ran a nozzle check after and it was perfect, so started the roll printing for the day. Should finish in approx 6 from 8am, so around 3pm. At 3pm went to do standard test print 25cm CMYK and it forced a clean. The clean only caused two black nozzles to stop firing. But after waiting a little time, they came back to a full good nozzle check. Decided to run a 2nd roll for overnight completion. Should be finished around 10pm. Last nights print finished without issue. The nozzle check first thing in the morning was a little fuzzy. Ran my CMYK print, it did an auto clean, which resulted in two black nozzles dropping, but everything else was fine. Let the machine sit for a little time, did another nozzle check, and it's all back to perfect. Ran a roll to print which finished on Saturday and I came in to put the machine to sleep around 11am Saturday. Nozzle check was fine when I came in. The last clean during sleep would have been around 11pm. Did a quick nozzle check, test print, and started printing a roll without issue at all. Loaded almost finished bottles of ink back into the bulk feeder to finish them off. Both C and M were changed and this print should finish those bottles. 2nd roll printed without much issue. Just a nozzle check, it did an auto clean, then I waited a while and ran the second roll to finish overnight. Alan from Mutoh was here today. Him and Steve from K&W spent the day reviewing the printer and removed some air from the lines. The machine was producing a perfect nozzle check, and I ran a roll overnight. The nozzle check from overnight was OK - just some black missing and normal CMY fuzziness. I did a short clean and one of the black channels dropped entirely (top right). Alan and Steve returned. They did a few cleans, and eventually a little change cleared it out. Then the nozzle check was fine. After speaking to Alfred at Positive, Alan agreed to change one of the dampers in the head for the top right channel. They did the swap and some test prints and it's turned out fine. They left and I will continue printing rolls to see how it goes. Did a short print today. 15m as was pressing other rolls and some panels had defects / issues in the sewing department, so did a short print and pressed it all. No issues with nozzle check before or after print. Post damper install. Nozzle check at start of roll was fine, so proceeded to print a roll. The print was 69m long, and after the print did a clean and nozzle check and the issue surfaced again. This was the first roll of new paper and the print was significantly lighter and had more banding. Need to check in the press how it goes. Rolls printed between now and when this roll is pressed will be printed with 'Y4 High Quality' interfacing setting. Nozzle check still as bad as the other day. Turned the printer on and did some cleans. A combination of short, normal and long cleans. Not planning on printing anything today, just getting the machine ready for next week when I plan to print 3-4 rolls. Ended up with only two nozzles missing on the black, will leave it over the weekend and see how it goes. The two nozzles on the black were still missing when I came in. Decided to do a long clean to see how it goes. Got a full waste ink error, so I emptied the bottle. The long clean cleared up the nozzles that were missing, but others dropped out. Decided to leave the machine for a little time (30 minutes) to see how it goes, and go from there. All came back except for one yellow, decided to run the print anyway. Running the print at x4 interface high quality, so printing at basically half speed . Should be a good test to see if it has anything to do with rate of ink draw. First thing did a nozzle check and black and yellow were fine but Cyan and Magenta were fuzzy. I proceeded to do a short clean, which cleared up the C and M and three K's, but the one that K that's always an issue and the Y that shares a damper with it were missing some nozzles. The Y more than the K, so I did a long and then normal clean and was able to get them 99%. Then after waiting 30 minutes, nothing really changed, so I did another clean and waited another 30 minutes and all the nozzles came back. I did a 75cm test print, which it did fine, and then after loading the new roll, the nozzle check was missing a single K nozzle. I waited a little time, did another check and it was good to print. I started a 69m print with x4 high quality and that will finish after hours because it's so slow. Because this roll was being printed so slow, I had to turn the heater up. For the first part of the roll I made the heat 35c pre & platen, but when we started to print some dark blue, I pumped it up to 38c. I checked when it was set to 38c what the temp of the head was, and the head temperatures were 30-31c. Not sure what it was when the temp was set to 35c, but from memory, head temps are normally at room temperature (24c) when printing 38c. This is in line with the range of the ink 20-25c.
20-09-22 Afternoon	https://vimeo.com/75153187522a857d778 (2:24)	22	40	225775	225775	224738	224738	223319	223319	224509 (Steve)	224509 (Steve)	
21-09-22 Morning	https://vimeo.com/751671120b6b78f511f2 (2:41)	23.5	35	225775	225775	224738	224738	223319	223319	224510 (Steve)	224510 (Steve)	
21-09-22 9AM	https://vimeo.com/75190888066096794a (1:22)	24	38	226175	226175	224738	224738	223319	223319	224510 (Steve)	224510 (Steve)	
21-09-22 10:30AM	https://vimeo.com/75192071723c21117a78 (1:24) https://vimeo.com/751920833197ae9f5cc0 (0:23)			225775	225775	224738	224738	223319	223319	224510 (Steve)	224510 (Steve)	
23-09-22 6am	https://vimeo.com/7527008595eb5e3c011 (2:09)	22	46	225775	225775	224738	224738	223319	223319	224510 (Steve)	224510 (Steve)	
23-09-22 2:30pm	https://vimeo.com/752815116b176bb6456a (2:10)	24	46	225775	225775	224738	224738	223319	223319	224510 (Steve)	224510 (Steve)	
26-09-22 5am	https://vimeo.com/753603465f481eccdf7 (2:11) https://vimeo.com/753614984306d9fa03a (1:04)	24	34	225775	225775	224738	224738	223319	223319	224510 (Steve)	224510 (Steve)	
26-09-22	https://vimeo.com/75370661679b0a3c61d1 (1:45)			225775	225775	224738	224738	223319	223319	224510 (Steve)	224510 (Steve)	
27-09-22	https://vimeo.com/754127038a930f0511f2 (2:15)	23	41	225775	225775	224738	224738	223319	223319	224510 (Steve)	224510 (Steve)	
27-09-22 4pm	https://vimeo.com/754153895b2a38f49a (1:15)	23	45	225775	225775	224738	224738	223319	223319	224510 (Steve)	224510 (Steve)	
28-09-22	https://vimeo.com/7545749660f8a7006da (2:20)	22	45	225775	225775	224738	224738	223319	223319	224510 (Steve)	224510 (Steve)	
29-09-22	https://vimeo.com/75497339dad4e031247 (1:00)	23	45	225775	225775	224738	224738	223319	223319	224510 (Steve)	224510 (Steve)	
30-09-22	https://vimeo.com/75539159305f30673a (3:29)	22	43	225775	225775	224738	224738	223319	223319	224510 (Steve)	224510 (Steve)	
1-10-22	SEE BELOW VIDEO			225775	225775	224738	224738	223319	223319	224508	224508	
5-10-22	SEE BELOW VIDEO	22	35	225775	225775	224738	224738	223319	223319	224508	224508	
6-10-22 7am	https://vimeo.com/757337434f1c6fcb1324 (1:59) 4pm (2nd roll) No video - all went fine	22	40	225775	225775	224738	224738	223319	223319	224508	224508	
07-10-22	No video - all went fine	22	49	225775	225775	224738	224738	223319	223319	224508	224508	
10-10-22	https://vimeo.com/758474731f8e10a428c (0:59) (1	23	32	225775	225775	224738	224738	223319	223319	224508	224508	
11-10-22	No video - all went fine			225775	225775	224738	224738	223319	223319	224508	224508	
12-10-22	No video yet			225775	225775	224738	224738	223319	223319	224508	224508	
14-10-22												
18-10-22				225775	225775	224738	224738	223319	223319	224508	224508	
21-10-22	https://vimeo.com/7639557117c6b1ddfa			225775	225775	224738	224738	223319	223319	224508	224508	
24-10-22	https://vimeo.com/76395579a09d6974d8a			225775	225775	224738	224738	223319	223319	224508	224508	
25-10-22	https://vimeo.com/7639556870371629dfed			225775	225775	224738	224738	223319	223319	224508	224508	

15. Auto-Cleaning

1. Val Time : [min]

3. Before Print :

2. Pining Time : [min]

13. State/Val : [sec]

14. Start Check :

Print History

Setting

Printer model: VJ-2C38C Printer Serial No.: HXAU000314 Ink Type: Kisan HP Pro

Printer Info:

Printer Info

Exit

Search Condition

☐ All Check

☐ User type

☐ Account

☐ Date

Detail Info Statistics Info

Print Information

Graph

Job Name : Data(Volh) : 2378 [ml]

Account : Data(Length) : 84352 [mm]

Print result : OK Area : 200.59 [m²]

Date(Start) : 2022/09/27 08:26:16 Print Setting : 720 x 720 B2, B4, 2xPass Pixel/Fog

Date(Finish) : 2022/09/27 16:50:47

Time : 8:24:31 Total : 606.915 [ml]

Cost : Total 47.94 [\$/] Consumption : 1 : 2.241 2 : 2.243 3 : 209.661 4 : 209.966 5 : 35.129 6 : 35.218 7 : 56.142 8 : 56.195

Other 0.00 [\$/]

Type Consumption

Switch Chart

Date	Daily Video URL	Temp (C)	Humidity (%)	Cyan 1	Cyan 2	Magenta 1	Magenta 2	Yellow 1	Yellow 2	Black 1	Black 2	Operator Notes	
26-10-22	https://vimeo.com/763955946/5a64c84252				226775	226775	224738	224738	223319	223319	224508	224508	Came in after the print that finished approx 6pm and C & M were fuzzy but K and Y were good. Did a clean and two of the black channels dropped out, not the typical ones that are an issue. After a few cleans, most came back and after waiting some time I decided I had to do a Little Charge to get going for the day. After the LC it was basically good, just had to wait some time for a few nozzles to come back and then I managed to start a roll printing for the day. Roll printing at X4 High Quality.
27-10-22	https://vimeo.com/764405599/96d8002940	23	55%		222114	222114	229639	229639	223319	223319	224508	224508	Today was trouble free. Did a nozzle check first thing, a short clean, couple nozzles missing and a little bit of time they cleared up also. Loaded a roll, and printed it (X4 High Quality). A good day really.
28-10-22		22	47		222114	222114	229639	229639	223319	223319	224508	224508	Today was the first day that I had issues with a channel other than black that I know of. The yellow on the right head was stubborn. Originally it was fine, but did many cleans (see video) and could not really clear it. Not sure if this is the first time that yellow has had an issue because truthfully I probably never really looked at yellow and focused on the black. It's only now that I have the extended nozzle check that I can see if there are any issues with the yellow which was only activated when Alan was here. Additional to that the normal nozzle check for yellow is hard to contrast against the white paper - so perhaps it's always been happening - I can't be sure. After probably 10-15 cleans, I had to resort to a Little Charge. Did a CR maintenance straight after the LC and noticed that there were air bubbles on the face of the head. Anyway, did another nozzle check and short clean and everything came good. Loaded a new roll, and started a print X4