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ElvaJet® XENNiA®

Dear Valued Partner,

As we head into uncertain times, we wanted to assure you that the team at Sensient is here to support you remotely with any technical needs you may have. One topic that comes up in times like today where your production may be less than anticipated is how to ensure your printer remains in top condition for production when needed.

Continuous printing is best for the ink and the printer but in this period of global health crisis impacting many businesses, you might have to slow down your production or shut down your printers.

Below our technical team have highlighted some procedures that we recommend you perform depending on your situation. These guidelines are relevant to all Sensient ink ranges.

1. In case of low production:

- 1.1. Do daily routine maintenance with start-up cleaning cycles and print a nozzle check
- 1.2. Keep your printer clean (remove dust, residues and ink build-up) and “wet” the capping station (fill with flush before overnight switch-off to keep moisture at a constant level)



2. In case of printer shutdown of up to 2 weeks (maximum) in a controlled environment (T °C 20-25 °C and RH% > 40%):

2.1. Industrial printers:

2.1.1. Disconnect the printheads and flush with Sensient Universal Flush 698100 and cap with Sensient Parking Flush 698300, carefully sealed on the parking plate provided by the OEM if available

2.1.2. Remove any dust, residues and ink build-up from the head and surrounding area and keep moisture in the capping station to a constant level

(Note: Ideally the system should be left idle with the 698300 Parking Flush inside the head and tubing, if you have no stock of this in the meantime, 698100 Universal flush can be used as a suitable alternative)

2.2. Epson-based printers:

2.2.1. Turn on Periodic Cleanings to highest time interval for example every 8 hours.

2.2.2. Perform standard preventative maintenance -Clean Wiper, Capping pad, etc. remove any dust, residues and ink build-up. Keep moisture in the capping station to a constant level with 698300 Parking Flush (use 698100 Universal Flush or distilled/de-ionized water as replacement if needed)

3. In case of printer shutdown of more than 2 weeks or if your printer environment is not controlled (no temperature/humidity control):

3.1. Industrial printers:

3.1.1. Disconnect the printheads and flush them with Sensient Universal Flush 698100 and cap with Sensient Parking Flush 698300 in the printhead. Carefully return the head carriage and seal on the parking plate provided by the OEM if available to avoid air flow or drying of the printheads

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3.1.2. Remove any dust, residues and ink build-up on and around the printheads and keep moisture in the capping station to a constant level using 698300 Parking Flush where possible

3.1.3. Flush through the ink lines using Sensient Universal Flush 698100 and fill with Sensient Parking Flush 698300 for shut-down

3.2. Epson-based printers:

3.2.1. Turn on Periodic Cleanings to highest time interval, for example every 8 hours.

3.2.2. Perform standard preventative maintenance -Clean Wiper, Capping pad, etc.- remove any dust, residues and ink build-up. Keep moisture in the capping station to a constant level with 698300 Parking Flush (use 698100 Universal Flush or distilled/de-ionized water as replacement if needed)

***Please note:** Whilst we recommend the above procedures, please be cautious. As a common practice, extra care is needed to stop potential head damage such as avoiding high pressure on the print head when manually flushing heads with cleaning fluid*

For full guidelines on the Sensient Flush solutions and best practice for use, please refer to the Technical Data Sheet for Flush Solutions.

Should you have any support needs related to this recommendation, please do not hesitate to contact us.

Kind Regards

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