GB5 S preventative maintenance summary (pm kits are available)

3/9 month maintenance
- Clean and backflush machine
- Check portafilter baskets and springs
- Replace group gaskets (H.3.001)
- Replace diffuser screen (F.3.040)
- Check brew temperature setting
- Check brewing pressure
- Check expansion valve operation
- Test buttons for proper operation
- Test flow-rate of each group (ml/30 sec)
- Test DC Voltage output from brain
- Test flow meter resistance (2.2kΩ +/- 10%)
- Check steam valves for proper operation
- Check fittings and valves for leaks
- Clean auto-fill probe
- Check vacuum breakers
- Inspect drain system

If ABR:
Confirm scale accuracy with 100g weight. Calibrate scales if necessary
Confirm weight uniformity of portafilters in grams

6 month maintenance (in addition to the above)
- Rebuild steam valves (1206)

12 month maintenance (in addition to the above)
- Replace safety valve (PRV) (B.2.024)
- Replace steam boiler vacuum breaker (B.2.029)
- Replace steam valve vacuum breakers (L192)
- Replace expansion valve (L140/C)
- Inspect electrical wiring

check water quality (after filtration sample of water must be taken at the pump)

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<th>value</th>
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<th>post</th>
<th>value</th>
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<td>T.D.S ppm</td>
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<td>150</td>
<td>Total Chlorine ppm</td>
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<td>Total Hardness ppm</td>
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<td>pH</td>
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<td>Chloride ppm</td>
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