

HEUFT SYSTEMTECHNIK GMBH

Full Bottle 360° closure inspection

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Impact on closure inspection systems when implementing tethered caps





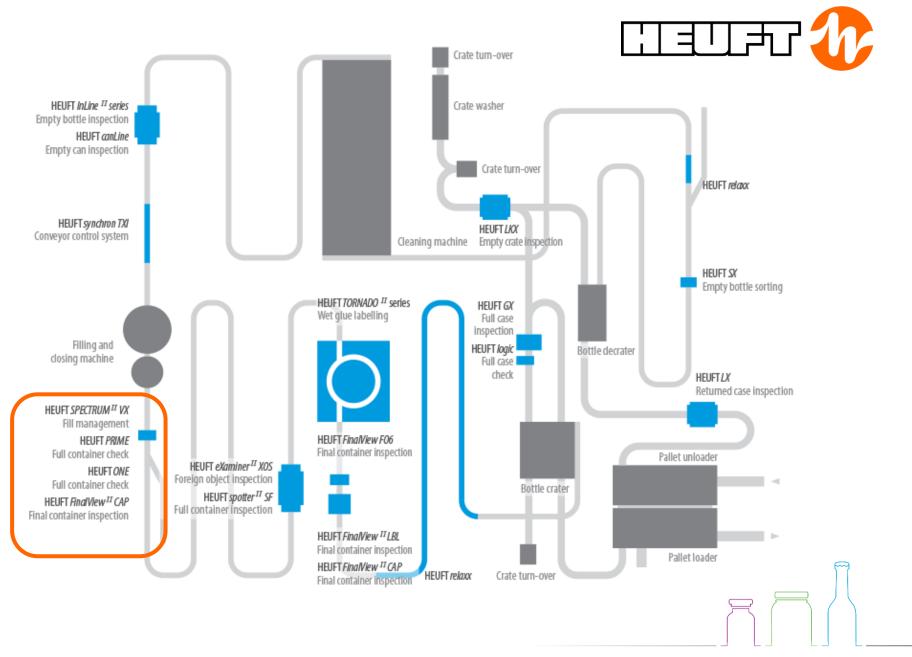
- Burgbrohl, GERMANY
- **⊁** Founded 1979
- 18 locations around the world
- Global 24/7 service
- 2 ~1,200 employees worldwide

OUR MISSION
Ensuring product quality





Safe all around!













- Inspection tasks affected by tethered caps
- Rotational symmetric (slitted) and rotational asymmetric (moulded) tamper evident bands
- Transmitted light inspection or transmitted- and incident light inspection
- Black/white cameras or colour cameras
- Single camera solution or 360° inspection
- Software to overcome rotational asymmetry and avoid increasing the tolerances and compromising on inspection accuracy

Topics



Not affected

- Presence
- Correct colour (if included in the technology)
- Over height*
- Canted*
- * Evaluation method by closure contour to be changed for protruding hinges

Affected depending on the cap

Tamper evident band inspections

- Broken bands
- Wedged in thread
- Broken bridges
- etc.





TETHERED CAP INSPECTION

















or















