

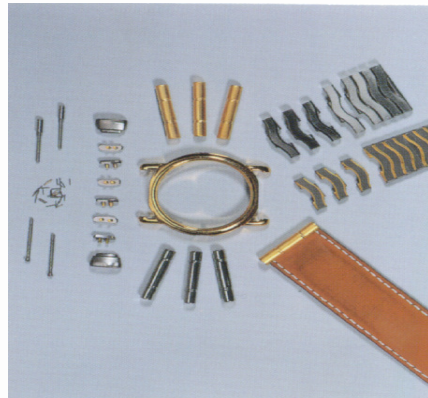
## CASE STUDY



### Cleaning prior to electroplating

Machine: EGAclean 4100

Industrial sector: Turned parts / 123



- Industry:** Precision turned parts industry
- Cleaning problem:** Replacement of a chlorinated solvent machine (Trichloroethylene) for intermediate and final cleaning
- Soiling:** Mineral oil and chips
- Solution:** Cleaning under vacuum with non-chlorinated AIII hydrocarbon
- |          |                                   |       |        |
|----------|-----------------------------------|-------|--------|
| Phase 1: | Immerse cleaning                  | 70 °C | 3 min. |
| Phase 2: | Immerse cleaning with ultrasonics | 70 °C | 3 min. |
| Phase 3: | Vapour phase                      | 90 °C | 3 min. |
| Phase 4: | Vacuum drying                     | 60 °C | 4 min. |
- Approx. cycle time: 13 min.
- Requested quality:** Precision cleaning, visual inspection
- Return on investment:** The machine complies with legal requirements (EU). The cleaning and drying quality is equivalent or better than the results achieved with the chlorinated solvent machine. Productivity has been increased by 80%.