

CASE STUDY



Precision cleaning of turned parts

Machine: EGAclean 4100
Industrial sector: Turned parts / 123



- Industry:** Turned parts industry
- Cleaning problem:** Replacement of an open chlorinated solvent (Trichloroethylene) machine used for intermediate and final cleaning
- Soiling:** Mineral oil, chips
- Solution:** Cleaning under vacuum with non-chlorinated AIII hydrocarbon
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| Phase 1: | Immerse cleaning | 65°C | 2 min. |
| Phase 2: | Immerse cleaning with ultrasonics | 62°C | 2 min. |
| Phase 3: | Vapour phase | 85°C | 4 min. |
| Phase 4: | Vacuum drying | 60°C | 2 min. |
- Approx. cycle time: 10 min.
- Requested quality:** Final cleaning, visual inspection
- Return on investment:** The machine complies with legal requirements (EU). The cleaning and drying quality is better than the results achieved with the chlorinated solvent machine. Productivity has been increased by 50%.
- Special feature of the application:** The cleaning machine is suitable for brass and steel components; no more risk of corrosion.