

## CASE STUDY



### Precision cleaning of turned parts

Machine: EGAclean 4100  
Industrial sector: Turned parts / 123



- Industry:** Turned parts industry
- Cleaning problem:** Replacement of a water-based petrol cleaning machine 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 | 4 min. |
| Phase 2: | Immerse cleaning with ultrasonics | 62°C | 4 min. |
| Phase 3: | Vapour phase                      | 85°C | 3 min. |
| Phase 4: | Vacuum drying                     | 60°C | 6 min. |
- Approx. cycle time: 17 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 previous machine. Productivity has been increased by 80%.
- Special feature of the application:** The cleaning machine is suitable for brass and steel components; no more risk of corrosion.