



Clean-out and start-up procedures

Cutting and grinding oils

Blaser Swisslube
Customer Service



Pre-clean-out procedure – notes

- Do not use water-based cleaners or solvents for cleaning.
- Any foreign oil mixed with Blaser oils have the tendency to increase foam. Therefore clean the machine and any auxiliaries (filters, chillers, piping) thoroughly.
- Keep in mind that additionally required steps may be “system” specific (e.g. with large central systems or grinding filtration systems).

Clean-out procedure

- 1 Watch machine tool/coolant system clean-out video (see slide after next).
- 2 Remove any covers and panels on machines, tanks, fluid filters, chillers and air filters.
- 3 Remove old oil from tanks, vessels and cavities.
- 4 Remove filters from filter housings and vacuum remaining oil. Disconnect all hoses and pipes at both ends and allow draining completely.
- 5 Disconnect and drain/vacuum any remaining oil inside of chiller unit.
- 6 Scrape off and remove any accumulated chips, swarf and sludge.

Clean-out procedure

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| 7 | If possible, clean any air handling systems and duct work. |
| 8 | Mechanically clean the tank and machine with a rag and absorb as much oil as you can. |
| 9 | Replace all panels, hose connections, pipe fittings, ducts and brackets. Tighten all connections. |
| 10 | For heavily fouled and/or larger systems, subsequent flushing with Blasorinse rinse oil is mandatory. |

Rinse cycle (best practice)

Highly recommended for all systems

When changing from water-miscible metalworking fluid to neat oil

Repeat rinse cycle twice. A small amount of residual water can cause major problems.

Please consult your Blaser representative for support.

1

Fill system with rinse oil of the Blasorinse series and let it circulate in the machine for about 2 hours (30 minutes for grinding systems). This ensures that any remaining oil is removed.

2

Completely remove the rinse oil from all components as described in the clean-out procedure.

3

Based on the contamination level, rinse oil from the Blasorinse series can be saved and reused up to 5 times. For further information see Product Information Data Sheet (PIDS) or contact your Blaser representative.

Start-up procedure (best practice)

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| 1 | Install new filters/filter media. |
| 2 | Fill system with new oil. |
| 3 | Check for any leaks. |
| 4 | Start up system. If possible, collect the first few gallons in a bucket or similar from the coolant nozzles, as there may still be some residues. |

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