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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<td>7</td>
<td>If possible, clean any air handling systems and duct work.</td>
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<td>8</td>
<td>Mechanically clean the tank and machine with a rag and absorb as much oil as you can.</td>
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<td>9</td>
<td>Replace all panels, hose connections, pipe fittings, ducts and brackets. Tighten all connections.</td>
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<td>10</td>
<td>For heavily fouled and/or larger systems, subsequent flushing with Blasorinse rinse oil is mandatory.</td>
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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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<tr>
<td><strong>1</strong></td>
<td>Install new filters/filter media.</td>
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<tr>
<td><strong>2</strong></td>
<td>Fill system with new oil.</td>
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<tr>
<td><strong>3</strong></td>
<td>Check for any leaks.</td>
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<td><strong>4</strong></td>
<td>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.</td>
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