

Technical Newsletter

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1 / 1



For Customers Who Use Any Lubricant Other Than DISCO's StayClean

Use of other company's lubricant may cause water leakage or breakage of parts

Problems of water leakage and breakage of parts have occurred on machines using not DISCO's lubricant (StayClean) but other company's one.

After investigating the causes, we confirmed that a part of the components contained in other company's lubricants caused the following phenomena:

- Water containing other company's lubricant erodes water pipes, bellows, flow rate controllers, seal material of valves, or other parts. If you continue to use the lubricant, the eroded parts will get broken. Also, water leaks from the eroded parts and it enters an area where no water would come in under normal use, causing the parts around the area to get broken.
- Water containing other company's lubricant causes swelling or deterioration of adhesive used for the bellows, chuck tables, or other parts. If you continue to use the lubricant, the adhesive surface will come off and the parts using the adhesive and the parts around them will get broken.

When using lubricant, it is recommended to use DISCO's StayClean.

DISCO's StayClean contains no material which causes the problems above.

If you use other company's lubricant

If you use other company's lubricant, be sure to periodically replace the parts located on the path of the cutting water (such as water pipes, bellows, flow rate controllers, seal material of valves, and chuck tables).

The replacement intervals differ depending on the type and concentration of the lubricant you use.

If the machine or any part gets broken using other company's lubricant, repairs are chargeable even during the warranty period. Also, please note that any water leakage is not covered by warranty.

Inquiry

If you have any questions on this matter, please contact your nearest DISCO office or DISCO service office.
