



# HD System Cleaner

Formaldehyde free high performance machine system cleaner

Product code: S031

## Product Description:

HD System Cleaner is a highly effective biocidal cleaning agent designed for the sterilisation of machine tools where water-mix metalworking fluids are employed.

HD System Cleaner is highly effective at lifting oily residues and swarf from heavily contaminated systems, whilst at the same time killing bacterial and fungal growths.

## Benefits:

- Multifunctional
- NP Ethoxylates free
- Free from formaldehyde releasing biocides

## Application:

Used at a concentration of 2%, HD System Cleaner should be added to the in-use metalworking fluid and circulated for between 24 and 48 hours prior to fluid change. The 'old' fluid should then be drained from the machine and the system flushed with fresh clean water before the machine is filled with a new charge of metalworking fluid.

## Typical Test Data:

|                                    |                   |
|------------------------------------|-------------------|
| Appearance @ 20oc                  | Amber Liquid      |
| Odour                              | Bland             |
| Emulsion Appearance                | Micro-water White |
| Specific Gravity                   | 1.010 (typ)       |
| pH (5% Dilution)                   | 9.5 (typ)         |
| IP287 Corrosion Break Point, % v/v | 4.0               |