



## Tips on Spindle Maintenance

### Checking Spindle Oil and Lubrication

- Lubrication hoses and manifolds need to be checked regularly
- Flow rates and levels of the lubrication oil
- Air quality, particularly the purity of the compressed air being used

### Spindle Cooling Systems and Spindle Coolant

- Coolant must contain sufficient amounts of lubricant to protect against corrosion and contamination
- The concentration and levels of additives should be regularly checked
- The spindle system temperature should be a maximum of 25° above the room temperature
- Excessive temperatures over a prolonged period can lead to premature spindle failure

### Replacing Worn Parts

- The pneumatic air and hydraulic filters should be replaced annually
- When replacing the filters we advise replacing the hydraulic oil too
- Fluid grease in the central lubrication system will only need to be changed once every two years, if filters replaced annually
- Linear guide wipers should also be checked/replaced once a year
- Tool flap brushes should also be checked/replaced annually

### Keep Cabinet Doors Closed

- We strongly recommend that you always keep the cabinet doors closed
- If left open there is a risk of contamination from dust etc
- Ventilation pads need replacing between 200 to 250 operational hours

### Switch Off Machines When Not in Use

- Remember switch off machines completely when they are not being used
- This also saves energy, and therefore cash

### Correct Disposal Of Lubricants

- All replaced substances must be disposed of correctly
- This applies in particular to oil, grease and lubricants

### Follow The Manufacturer's Instructions

- Always follow the manufacturer's specifications especially for using oil, grease and lubricants
- Please be aware there can be enormous differences between models and manufacturer recommendations

### Use Suitable Cleaning Materials

- When cleaning the right materials must be used
- Compressed air or high pressure cleaners are not suitable
- Avoid fluffy cleaning cloths, like cotton wool etc.

## If your spindle does fail, don't panic, we are here to help

We offer the whole package, from advice and supply, through to removal and installation. All with express turnaround to avoid too much downtime

**We offer an unrivalled 12 months warranty on all Spindles**

Call us now for further information