



Air Supply & Spindle Cooling

Westwind recommend the following for spindle air supply:-

- Particle filter $<1\mu\text{m}$
- Oil vapour carryover $<0.01\text{ mg/m}^3$ at 20°C
- Dew point at running pressure $<7.5^\circ\text{C}$
- Temperature similar to surrounding atmosphere

Westwind recommend the following for spindle cooling:-

- Clean (preferably distilled) water in a closed loop cooling system
- De-ionised water should not be used
- Inlet temperature $16^\circ\text{C} - 20^\circ\text{C}$
- Temperature rise across the spindle $< 10^\circ\text{C}$ (unless otherwise stated by Westwind)
- Use of a commercial heating system additive such as "FernoX" to minimise any corrosive and calcification effects
- $25\mu\text{m}$ particle filter

For further details please email: wwinfo@gsig.com.