



Air Supply & Spindle Cooling

Westwind recommend the following for spindle air supply:-

- Particle filter <math> < 1\mu\text{m}</math>
- Oil vapour carryover <math> < 0.01 \text{ mg/m}^3</math> at 20°C
- Dew point at running pressure <math> < 7.5^\circ\text{C}</math>
- 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°C - 20°C
- Temperature rise across the spindle <math> < 10^\circ\text{C}</math> (unless otherwise stated by Westwind)
- Use of a commercial heating system additive such as "FernoX" to minimise any corrosive and calcification effects
- 25µm particle filter

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