



Performance  
Source

Your Source for Straight Cuts!

Sawing Fluid Trouble  
Shooting Guide

## TROUBLE SHOOTING GUIDE - FOAM

### Action:

- Check fluid concentration - in most cases your concentration will be too high.
- Check water hardness - soft water causes foam.
- Operation: Some operations are inherently high foamers such as double disc grinding, creep feed grinding, etc.
- Check for "elbow" or waterfalls in fluid delivery or return pipes.
- Check for cracks in pipe-air cavitation.
- Check for contamination such as alkaline cleaners.
- Check sump levels - air cavitation.
- Check sump capacity - turnover (gallons per minute delivered) versus amount of fluid.
- Check filter media - it may be too fine a filter causing clogging.
- Check fluid nozzles for constriction

### Remedy:

- Adjust fluid concentration.
- Add defoamers. Water hardeners work when soft water is the cause.
- Adjust sump levels.
- Replace cracked pipes.
- Reduce elbow, fluid pressures, and waterfalls if possible.

**These maintenance tips will save money, decrease  
downtime, and get better tool and blade life.**

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