

Trouble Shooting: Foam

Cause:

- In most cases your coolant concentration will be too high if foaming exists.
- Water quality - soft water causes foam.
- Some operations produce more foam, such as double disc grinding, creep feed grinding, etc.
- Waterfalls in fluid delivery or return pipes can cause foaming.
- Cracks in coolant lines - introduction of air into moving coolant creates foaming.
- Contamination such as alkaline cleaners.
- Low coolant tank levels.
- Filter medias if used, may be too fine causing clogging.
- Fluid nozzle constriction or partial blockage.

Remedy:

- Use a refractometer to determine the coolant mixture ratio and adjust concentration if needed.
- Add defoamers.
- Add water hardeners when soft water is the cause.
- Increase coolant tank levels.
- Replace cracked or broken pipes.
- Reduce coolant line fluid pressures and waterfalls if possible.

These maintenance tips will enhance tool performance, increase tool life, reduce costly down time and save you money



HE&M Saw has a product and accessory to fit all your metalworking fluid needs:

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