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Liquid in Feed

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Liquid in feed
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When adding large quantities (more than 10%) of heated liquid additives to the throat, there are several things that can be done to prevent fouling of the screw and interference with the solids (pellet and regrind) feeding:

- Cool the screw to the end of the solids feed section.
- Make sure the feed throat cooling is moderate. Too much and moisture condenses on the bore. Too little can cause bridging in the throat.
- Add shallow grooves to the cast iron surface of the throat to increase COF only.

See also:

- [Feed throat cooling](#)
- [Low viscosity addition](#)
- [Throat cooling](#)

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