

Restarting an Oil Quench Bath after Shutdown

The additives in DuBois Chemicals quench oils will not separate out or lose effectiveness during an extended shut down. However, there are a few recommendations to follow that will help ensure good quenching performance upon start-up:

1. Install new filters prior to starting up the quenchant circulation system. Ensure the pump screens are clean.
2. Confirm there is proper oil flow through heat exchangers and cooling equipment.
3. If there was the potential for any water getting into the quench oil, it can be removed by carefully heating the oil to 220°F with agitation and holding for 3-4 hours.
4. Bring the oil to the target operating temperature prior to quenching the first load.
5. Quench speed and overall oil condition can be confirmed by sending a one gallon sample to:

DuBois Chemicals
3630 Kemper Road
Sharonville, OH 45241
Attn: Lab 10 – S.G.