



REV - September 24, 2014

Supplier Mold Preventative Maintenance Agreement

312 Frank Diggs Drive, Clinton TN. 37716

Preventative Maintenance Agreement

This agreement will cover basic mold maintenance that is expected to be maintained by our suppliers. Molds are to be maintained on a regular and scheduled PM plan. They are to be maintained at a minimum frequency of 10,000 cycles. Some tools that are more complicated and have several moving actions might need to be maintained at a lesser frequency. This will be determined on a case by case basis and will be based off of how the tool performs and what condition the tool is in after reviewing a 10,000 cycle run. This will need to be monitored and possibly adjusted throughout the life of the mold. The following document shows SL Tennessee's procedures for mold PM's.

Mold Tear Down

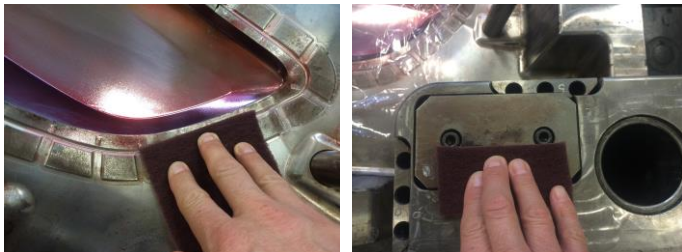
- Disassemble Core and Cavity half of tool
- Remove all slides, lifters, ejector pins and other moving components



- Clean these components and their mating surfaces with an appropriate mold cleaner
- Inspect all items for wear and damage - repair or replace as needed (Notify SL of any major damage that needs to be repaired)

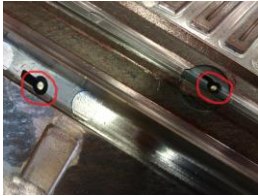
Mold Cleaning/Inspection

- Clean all mold surfaces with appropriate mold cleaner
- Use Scotch-Brite pads to clean off parting line, remove debris from vents and any other area where rust is present



SL TENNESSEE

- Inspect vents and verify that parting line wear has not closed them
- Inspect cavity and core half of tool for damage (Notify SL of any major damage that needs to be repaired)
- Inspect all core pins and ejector sleeves to insure none are bent or broken



- Inspect all parting lines for burrs and undercuts that might cause drag marks on parts
- Inspect all parting line locks for wear or damage



- Inspect all springs (on slides and ejector pin plates) and spring plungers (on slides) for being broken or worn



- Verify that all limit switches are in operating condition



SL TENNESSEE

- Verify that all water lines are open and have proper flow

Special Cleaning for Lens Molds

- Remove any inserts on the core half of tool, clean and replace O-rings



- Inspect 1st and last shot for scratches to determine if polishing is needed
- Clean polished surface of mold with mold cleaner and 100 % pure cotton pads



- Determine how deep the scratch is to know what diamond compound is needed, 4-8 Microns for deeper scratches and down to a 0-2 Micron to polish out a cloudy surface.



SL TENNESSEE

- Apply rust preventative agent after polishing

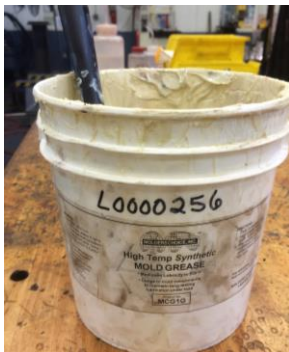


Special Cleaning for Reflex Lens Molds

- Please see document attached from DBM on care and maintenance of Reflex inserts

Mold Assembly

- Assemble mold and mold components applying light grease to ejector pins (except for a lens mold, leave these dry to avoid grease bleeding on to part)
- Apply grease to all slide components and return pins



- Install all slide components and make sure slides move freely

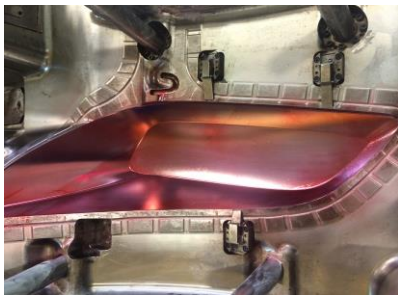


SL TENNESSEE

- If mold has a manifold system, test and verify that it is working properly



- Spray mold with rust preventative agent



- Close mold halves and secure with mold safety straps





SUPPLIER’S ACCEPTANCE AND AGREEMENT

This Mold Preventative Maintenance Agreement shall govern the possession and use of all SL Tennessee tooling that is now in Supplier’s possession or that may be placed in Supplier’s possession during the time this maintenance agreement is in force.

Supplier’s Authorized Representative _____
Date _____

SL Tennessee Purchasing Representative _____
Date _____