

Jackson, Michigan February 25, 2020: Anderton Machining is pleased to announce the upgrade of its Metallurgical Laboratory under the direction of Ms. Deborah Clark, Senior Metallurgist Lab Engineer. The following processes can now be performed on-site with greater efficiency and accuracy;

- Sectioning of castings or forgings up to 10" x 5"
- Stereomicroscope
- Mounting and polishing of sections up to 2.0" in diameter with fast and accurate grinding and polishing capability.
- Microstructure examination up to 1000x with image capture and measurement. Measurements include linear measurements, grain size, 3D profiles, layer thickness, cast iron, and phase analysis. Measurement accuracy is 0.1 μm .
- Extended Focus Imaging
- Digital microhardness; testing of case depths, layers, induction hardened case depth, and phase hardness testing from 1gf to 1000 gf load covering a wide range of materials and hardness values.
- Rockwell hardness tester is capable of testing over 10 different scales to accommodate a wide range of samples and materials.
- Quenchant quality testing for induction machine operation is performing using a digital refractometry and a shell cup viscosity measurement.



Anderton Machining, centrally located in Jackson, Michigan has 220,000 sq.ft. of manufacturing space comprising of 66 Machining Centers. Anderton Machining's strengths are its very knowledgeable and dedicated workforce, providing our customers with zero-defect products and on-time delivery. Offering; precision machining, gear shaping and spline, induction hardening, assembly and Metallurgical Lab analysis. Anderton Machining is your machining and assembly partner for Heavy Truck, Defense, On and Off-Highway and Automotive industry.