

MW NiClad

Novel repair solution for
cylinder head cavitation
damage



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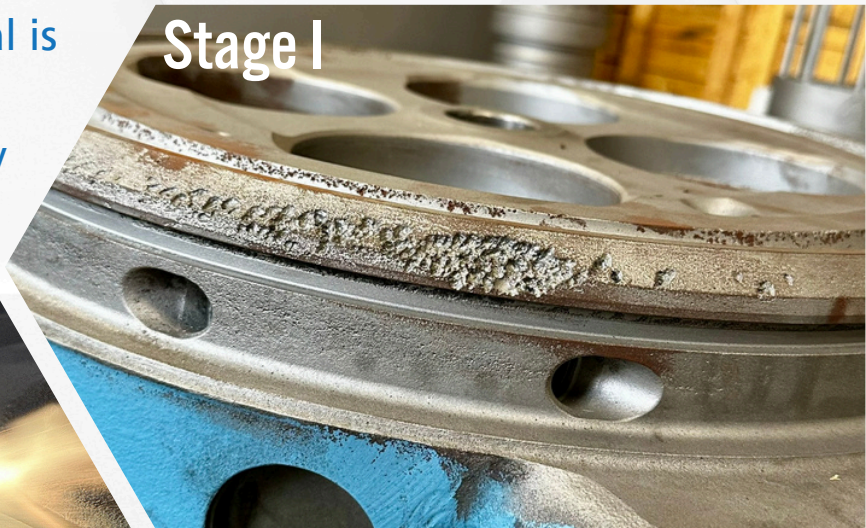
MW NiClad

MW NiClad is a novel and sustainable process to repair and reconstruct cast iron cylinder heads that extends their lifetime and reduces total cost of ownership

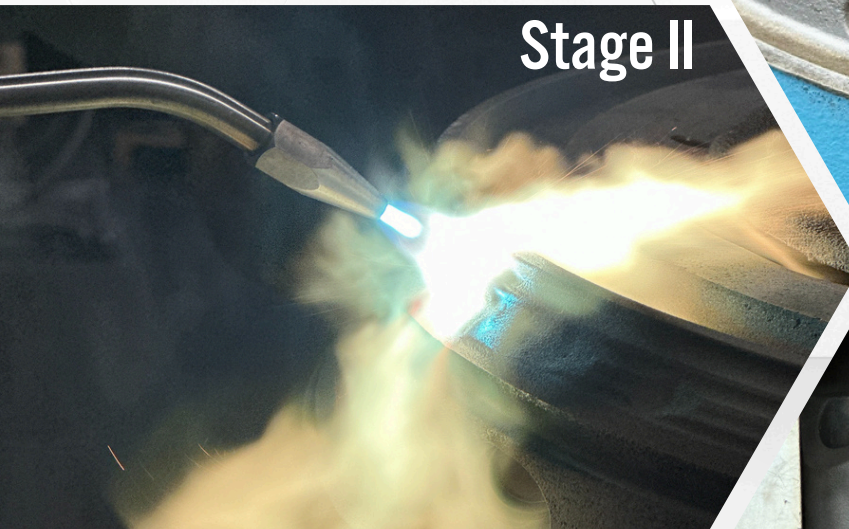
Stage I: Damaged casted material is removed by machining

Stage II: MW NiClad is applied by cladding

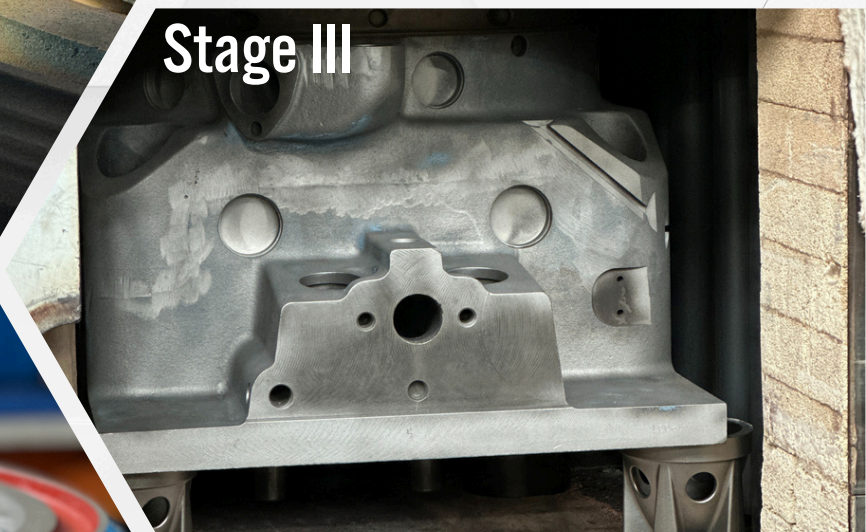
Stage I



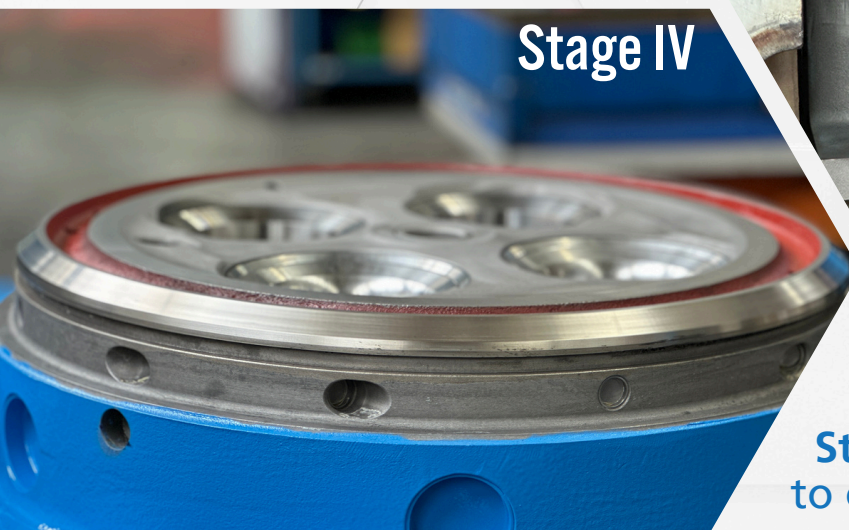
Stage II



Stage III



Stage IV



Stage III: Heat treatment applied for stress relieving

Stage IV: Cylinder head is returned to original condition and dimensions



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