

## ***ArmaKleen Technical Service Report Summary***

**Cleaning Trial Type:** Aqueous

**Industry:** Engine remanufacturing

**Segment:** 04 – Dealerships – Recreational & Machinery

**Soil:** Methane gas combustion byproduct

**Substrate:** Steel

**Description of Part(s):** Engine Head

**Customer objective:** The customer was looking to improve their cleaning performance and automate their cleaning process.

**Cleaner used:** 5% by volume ArmaKleen™ 4 in 1 Cleaner

**Machine used:** Ultrasonic Washer (Blackstone SK 6315)

**Temperature used:** 160°F

**Time required:** 2 hours

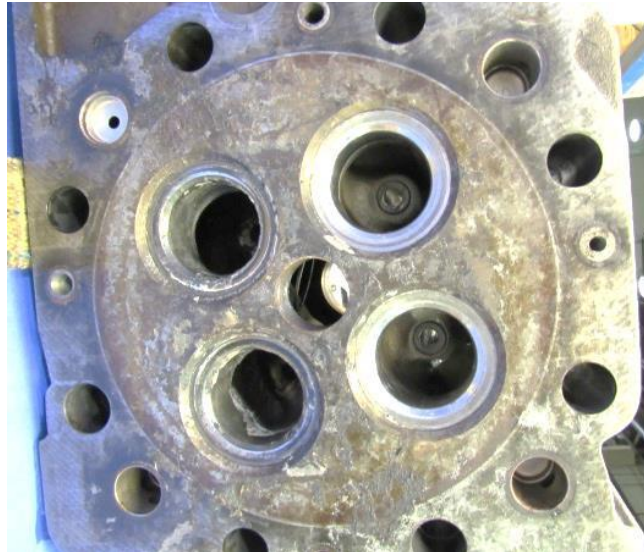
**Post Cleaning:** Air dried

**Recommendation to Customer:** The ArmaKleen Technical Center recommended using 5% by volume ArmaKleen™ 4 in 1 Cleaner at 160°F in an Ultrasonic Washer for a minimum of 2 hours.

**Before Picture**



**After Picture**



**Source:** TSR #15-A-211