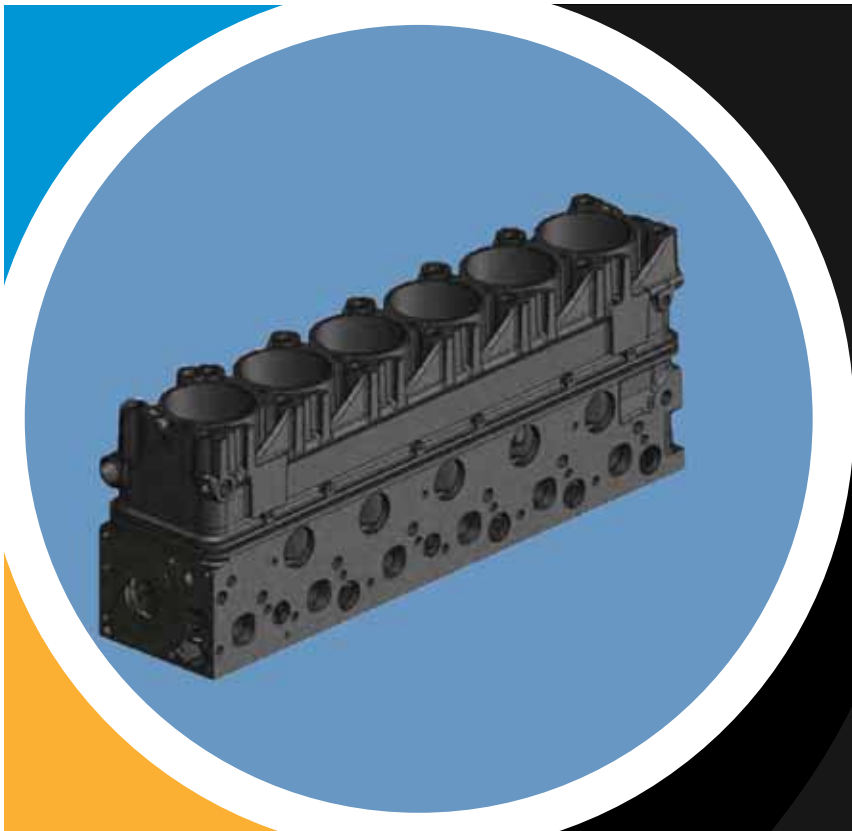




RANSOHOFF



Leanjet RB-2 Washer

CASE STUDY

Diesel Engine Block Head Combination

Leanjet RB-2 Washer

Diesel Engine Block Head Combination

RB-2

THE CHALLENGE:

Contamination: Machining chips and coolant

Cleaning Expectations: 1.67 cpk on retained material of 200mg in water jackets and 50mg in oil galleries and cavity for a total of 250mg for the entire part.

Drying Expectations: Visually dry

Part Acceptance Method: Standard millipore procedure

Production: 4 cycles per hour

Loading / Unloading: Crane/manual

Preceding / Succeeding Ops: Machining / Assembly

Footprint Constraints: Standard RB-2 with Pro-Sep

THE SOLUTION:

Equipment: RB-2 w/ultrasonics and Pro-Sep

Sequence: Wash, ultrasonic wash, rinse, dry

Cleaning Mechansims: Immersion spray and ultrasonics

Drying Mechansim: Heated blow-off

Features: Pro-sep oil removal system, Ultrasonics

Actual Footprint: 61" wide x 117" deep x 100" high

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