

## CASE STUDY 72

(Introduction of Cold Cleaning Media - HICLEAN L 2050 For Machining Applications.)



### PROFILE OF COMPANY:

A state of art machine shop dedicated for machining of automotive components in west maharashtra.



### TRIAL OBJECTIVES:

1. Millipore Value < 3.5 mg
2. Excellent aesthetics & Operator Friendly
3. Rust Protection minimum 5 hours



### OPERATING/APPLICATION DETAILS :

PRODUCT	HICLEAN L 2050
MACHINE MAKE	Real Technologies Machines Pvt. Ltd., Pune
MACHINE TYPE	Multistage Washing Machine
OPERATION	Spraying ? Ultrasonic ? Rinsing? Hot Air Drying
MATERIAL	Cast Iron
COMPONENT	Outlet & Inlet Coupling (TWO WHEELER-BAJAJ AUTO)
TANK CAPACITY (Washing)	500 LTRS.
CYCLE TIME (Spraying/Ultrasonic/Spraying)	3 mins + 3 mins + 3 mins
OPERATING TEMPERATURE	40°C
OPERATING PRESSURE	Bar



### COMPONENT DETAILS



**TARA INDUSTRIES**  
**MILLIPORE VALUE DETAILS**

CUSTOMER - Tool Tech

Date: 12/3/2020  
Shift: Ist  
Time: 5:40 PM

PART NO :  
PART NAME :  
JOB NO : 01

TEST RESULT		
TOTAL WEIGHT IN MG :	60 MG	
PAPER WEIGHT IN MG :	57 MG	
SPECIFICATION IN MG :	NET WEIGHT(ACTUAL) :	3 MG
		REMARK :
SPECIFICATION IN MICRON :	PARTICAL SIZE IN MICRON (ACTUAL) :	---
		REMARK :

Checked By -  
Name : Deepak Patil  
Sign : *[Signature]*

Approved By -  
Name : Vijay Potadar  
Sign : *[Signature]*

**PRODUCT RECOMMENDED: HICLEAN L2050**

**TRIAL CONCLUSION**

✓  
3 mg Millipore value achieved (requirement of <5mg)

✦✦  
Trial criteria proved with lower operating temperature 45°C

✦✦  
Excellent aesthetics & Operator friendly

✓  
Rust protection criteria of 5 hours achieved

✦✦✦  
Bath life more than 6 weeks.