

# **CASE STUDY 104**

### (INTRODUCTION OF FEROCLEAN N 405 CLEANER FOR COMPONENT CLEANING)



## **PROFILE OF COMPANY:**

Manufacturer for a variety of specialized and highly engineered solutions – Transfer Cases, Torque Couplers & Auto-locking Hubs (ALH), essential components for world's leading OEMs such as Tata Motors, Mahindra and Mahindra, Ford, Toyota and Ashok Leyland.



#### **TRIAL CRITERIA**

- Good Cleanliness with bright finish
  Removal of burrs from the component including drilled and tapped holes
- 3. Removal of oil from the surface



# **OPERATING/ APPLICATION DETAILS :**

- Machine make : R V Industries
- 2. Components : Case Transfer
- 3. Cycle time : 2 Minutes
- 4. Operation : Final Washing
- 5. Soil to remove : Cutting coolant and burrs
- 6. Concentration : 2-3%
- 7. Bath Temperature : 54 to 60 °C

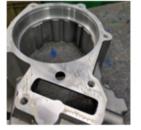
 8. Oil Skimmer : Effective
 9. Water Quality : Corporation water (Hardness & Chlorides within Limits)
 10. Tank Capacity : 350 Ltrs.
 11. Material Grades : Aluminium Alley UN

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12. Pre-Operation : Drilling and tapping (Water soluble cutting coolant)











#### **PRODUCT RECOMMENDED: FEROCLEAN N 405**

TRIAL CONCLUSION



Good Cleanliness without oil residues on components



All the burrs are getting removed



Technical assistance on application & machine parameters side to enhance the performance



Customer is satisfied with the results achieved.

Feroclean N 405 is running excellent at 2.8% concentration