

CASE STUDY 26

(FEROCLEAN NSF: USE OF NEUTRAL CLEANER FOR IMPROVED SURFACE FINISH AND LONGER SUMP LIFE)



CUSTOMER DETAILS :

A leading auto ancillary company catering to many OEMs like Maruti, Harley Davidson, Hero Motors, etc. and other heavy machine equipment manufacturers.



OBJECTIVES FOR CONDUCTING THE TRIAL

- To improve surface finish.
- To reduce overall cost of the cleaner.
- To increase sump life



OPERATING / APPLICATION DETAILS:

- Machine: Pre and Post Washing Machines, Ipsen Brand
- Sump size: 6000 Ltrs Each
- Sump Life: 3-4 months.
- Part: Drum Gear Shift, Crank Pin, Rocker Arm
- Water Quality – DM Water
- Concentration Recommendation: 2-2.5% (Pre wash), 3.5-4% (Post wash)
- Oil Top up rate: 1% Pre Wash, 2% Post Wash
- Material: Alloy Steel
- Cycle Time: 60 Minutes
- Skimmers: Good condition
- Filtration: Very Good
- Trial Evaluation with the period of 4 months



COMPONENT VIEW



PRODUCT RECOMMENDED: FEROCLEAN NSF

TRIAL RESULTS



Customer was doing buffing on 30% components after 45 days with previous product because of slight black mark on component surface. With our product Feroclean NSF, no buffing was done till 120 days.



Achieved excellent surface finish



Overall Cost reduced by ~12%