

CASE STUDY 22

(SEMI-SYNTHETIC BIO-STABLE CUTTING COOLANT)



CUSTOMER DETAILS :

One of the largest tractor manufacturers in the world



OBJECTIVES FOR CONDUCTING THE TRIAL

To reduce CPH (Cost per hour) than the present product.



OPERATING / APPLICATION DETAILS:

1. Component: Tractor Body Parts
2. Material: CI [Cast Iron]
3. Cycle time: 50 mins
4. Operation: Multiple operations
5. Machine Make: Makino a81
6. Tank capacity: 900 Ltrs
7. Existing Product: Competitor Product
8. Concentration: 4 ~ 5 %
9. Filtration: Drum filter / Chip Conveyor



COMPONENT VIEW



PRODUCT RECOMMENDED: HICUT 6080 B

TRIAL RESULTS



CPH (Cost Per Hour) Achieved - Rs. 22 (Existing Rs.24)



No EHS Issues observed