

## CASE STUDY 21

(MINERAL OIL-BASED WATER SOLUBLE CUTTING COOLANT)



### CUSTOMER DETAILS :

One of the largest OEM suppliers of auto components like steering yokes, automotive spare part, differential housings, connecting rods, proportionating valves, auto steering parts, auto part, safety automotive parts, auto spare part, auto spare part.



### OBJECTIVES FOR CONDUCTING THE TRIAL

To achieve finish value Ra of 1.6, no odour, less consumption.



### OPERATING / APPLICATION DETAILS:

1. Component: Yoke, Shaft, etc
2. Material: Forged Steel (S35C)
3. Cycle time: 20 ~ 50 Secs
4. Operation: Multiple operations
6. Machine Make: AMS, LMW
7. Tank capacity: 100 ~800 Ltrs
8. Existing Product: Competitor Product



### COMPONENT VIEW



**PRODUCT RECOMMENDED: HICUT 940 HW**

## TRIAL RESULTS



Achieved Required finish Ra- 1.6



Consumption Cost reduced – 5%



No Odour Issues and low mist formations as compared to the existing product