

# CASE STUDY 48

## (HIGH PERFORMANCE NEAT OIL FOR LAPPING OPERATION)



### CUSTOMER DETAILS :

One of the largest OEM suppliers of auto components manufacturing power-train components and gearbox assemblies.



### OBJECTIVES FOR CONDUCTING THE TRIAL

- Reduce oil consumption
- Reduction in direct cost



### OPERATING / APPLICATION DETAILS:

1. Machine	: Gleason lapper	6. Per day production	: 90 part/machine
2. Part	: Crown wheel & pinion	7. Total consumption during Trial	: 25 ltr
3. Material	: 20MnCr5	8. Part name	: 56230/31 , 56130/56131 , 7778/79 , 53130/31
4. Operation	: Lapping	9. Grit size	: 180
5. Existing Product	: Honilo 500	10. Tank capacity	: 25ltr



### COMPONENT VIEW



**PRODUCT RECOMMENDED: HICUT HONE L**

## TRIAL RESULTS



Low drag out losses



Less consumption Compared to competitor product



13 % Direct Cost Saving