

CASE STUDY 49

(NEAT OIL LOADED WITH HIGH EP ADDITIVES FOR THREADING APPLICATION)



CUSTOMER DETAILS :

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



OBJECTIVES FOR CONDUCTING THE TRIAL

Overall reduction in cost without compromising on performance



OPERATING / APPLICATION DETAILS:

1. Machine: - Thread grinder (293-03)
2. Part: - Shaft for royal enfield
3. Material: - 16MnCr5
4. Operation: - Threading
5. Per day production:-500-550 Components
6. Total consumption during Trial: - 60 ltr

7. Filtration system: - Cyclone type
8. Cycle time: - 34sec
9. Grinding wheel type: - White aluminum oxide
10. Grinding wheel size: - 350*25*127
11. Existing product consumption: - 75ltr
12. Tank capacity: - 300ltr



COMPONENT VIEW



PRODUCT RECOMMENDED:HICUT FS

TRIAL RESULTS



Reduced consumption 15 ltr /machine/month



Monthly saving Rs 1200 /machine/month



Overall cost benefit