

CASE STUDY 67

(COLD HEADING OIL WITH ENHANCED LUBRICATIONS FOR FASTENERS)



CUSTOMER DETAILS :

Leading Manufacturer of Fasteners and major supplier to OEM like Royal Enfield, Maruti, and Ashok Leyland.



OBJECTIVES FOR CONDUCTING THE TRIAL

1. To achieve stain free forming
2. To reduced fumes in the operation area.
3. To reduce oil consumption with the existing supplier.



OPERATING / APPLICATION DETAILS:

1. Machine : Jern Yao, Taiwan
2. Tank Capacity : 1800 Ltrs
3. Product : M8
4. Material : Boron Steel, Low Carbon Steel & High Carbon Steel
5. Speed: 250/ min
6. Application : Bolt Forming
7. Filtration : Centrifugal Filter
8. Chiller unit : Not Available
9. No of Stages: 5 Stages.



COMPONENT VIEW



PRODUCT RECOMMENDED: HIFORM 100/2S

TRIAL RESULTS



Stain free components



Cost saving approx. 15 %



Productivity increased in by 8%

Products	Production in 1 litre
Taiwan TM – 9M	1398 kgs

*This data based on 3 months production cycle.