

CASE STUDY 12

(HILUBRIC FW02 FOR IMPROVED FORGING ENVIRONMENT)



CUSTOMER DETAILS :

One of the largest manufacturers of hot forged parts, high tensile fasteners and cold extruded parts in southern India.



OBJECTIVES FOR CONDUCTING THE TRIAL

To reduce die polishing frequency, increase die life and reduce overall cost.



OPERATING / APPLICATION DETAILS:

| | |
|----------------|-------------------------------|
| Machine Make | 1000 Tons ATO (Smerl Presse) |
| Tank capacity | 200 Ltrs |
| Component | Bearing – outer ring |
| Material | Steel |
| Operation | Forging |
| Dilution ratio | 1:10 |
| Spray | Manual |
| Billet Temp. | 1150+/-50 Deg c |
| Die Temp | 180-250 Deg C |



COMPONENT VIEW



PRODUCT RECOMMENDED: HILUBRIC FW 02 AGAINST COMPETITOR PRODUCT

TRIAL RESULTS



Die life similar to present product



Reduced smoke observed,
better Working Environment