



Classic Coolents

Mfg Speciality Lubricants and Coolants

CASE STUDY -1

(FINELAP GX-155: WATER SOLUBLE COOLANT FOR LAPPING)



CLIENT

One of India's leading steel ball and roller manufacturer located in Maharashtra



THE PROBLEM

Unsatisfactory feeding rate of steel balls in lapping machine which resulted in decreased cut rate and increased batch times.



OPERATING CONDITION

Process	Steel Ball Lapping
Wheel Type	Cast Iron
Steel Bal Size	3mm
Coolant Tank Capacity	150 Liters
Coolant System	Magnet Filter, Application By Nozzle Spray
Coolant In Use	Competitor Product
Coolant Concentration	6%



THE SOLUTION

We introduced Finealap GX-155 (water soluble lapping coolant) with the following customizations:

- + Increased cleaning property of coolant
- + Reduced tackiness of coolant
- + Introduced light vegetable oil based chemistry

(Trial Results Of Finelap Gx-155:)



Batch Time Reduced By
10%



Cut Rate Improved By
10%



Coolant Life Increased By
10%