

Type of Industry	: Steel
Division	: Pallet
Application	: Heat resistance fan Motor
Motor details	: Rating: 630kw Rpm : 900 Temp : 100 ⁰ C (Before OMEGA) DE : Ball bearing NDE : Roller Bearing
Problem	: High temperature is observed at motor DE side (100”C) And also abnormal bearing sound noticed
Recommendation	: OMEGA85 grease
Improvement	: After applying OMEGA85 grease, the temperature is Reduced by 100 ⁰ C to 75 ⁰ C and bearing sound also reduced They have replaced the bearing during plant shutdown. They require minimum 4 hours to replace the bearing
Savings	: Production/Day : 3600 metrictonne. Value : Rs8000/metrictonne : 150mt X 4hrs =600mt : 600mt X 8000 =Rs 4800000/-
Result	: They have standardized the Omega85 grease for all critical Electric motors

Type of Industry	: STEEL
Division	: BLAST FURNACE
Application	: COOLING TOWER GEAR BOXES (Paharpur Make)
Problem	: Oil Leak, frequent oil top up and temperature build up .
Recommendation	: OMEGA 612.
Improvement	: After adding OMEGA612- Oil change period extended from 6 months once to 2 years. Temperature & vibration Reduced drastically equipment is running smoothly, Which resulted in bulk quantity procurement of 2 thousand liters.