

ADVANTAGES OF ESTABLISHING TOTAL LUBRICATION MANAGEMENT ON SINGLE WINDOW BASIS FOR MINING INDUSTRY

1. Mining Industry operates in highly dusty environment. Possibility of dust, dirt, micro dust getting into the oil/grease system, cannot be ruled out. This dust entry into the machine system is highly damaging, leads to wear and mechanical damage of machine.
2. Lubrication is the fulcrum of mechanical maintenance. By adopting to good lubrication practices, mechanical maintenance can be reduced by 25-40% This is only visible after 6-8 of good lubrication operations and also when the mechanical maintenance data is available for comparison to evaluate the gain.
4. GTS is well known to work professionally according to Standard Operating Procedures. This leads to work repetitively according to set pattern and ensure good lubrication to the mining equipment and reduction in cost of lubricants (or conservation by minimum of 10%), reduction in cost of lubrication of about 25-30% and reduction in mechanical maintenance cost (25-40%) - a big savings to Mining Industry.
5. GTS adopts to strict norms for feeding uncontaminated oils and greases to machines by deploying high quality lubrication equipment.
6. GTS establishes site laboratory for oil condition monitoring and condition based oil change. If oil is not tested within 50 hrs of the sample drawn and in the event, mechanical damage is setting in, - the oil, testing becomes ineffective and hence site laboratory plays a crucial role in reducing mechanical maintenance cost. GTS shall establish a site laboratory
7. Adopting to software based lubrication management, i.e. lubrication scheduling, oil accounting, etc. to adopt to good lubrication practices.
8. Deploying trained people at site to do the job of lubrication, under the supervision of GTS professionals.