



VAS TRIBOLOGY SOLUTIONS
TOTAL FLUID MANAGEMENT(TFM) SERVICES

Preliminary Information

PLANT NAME : Date:		Area/Unit Name-1	Area/Unit Name-2	Area/Unit Name-3	Area/Unit Name-4	Total
A	Manchine Information					
1	Total Number of Machines to be attended to					
2	No. of Machine using Soluble Cutting Oil(Coolant)					
3	No. of Machine using Neat Cutting oil & Quenching Oil					
4	No. of Machine using Washing oil					
5	No. of Machine using Hydraulic Oil & Lubrication Oil					
6	No. of Machines connected to Centralise Coolant System(If available)					
B	Total Lubricants Consumption(Liter/month)					
1	Coolant Consumption (litres/month) - For Stand alone Machines					
2	Coolant Consumption (litres/month) - For Centralized Tank					
3	Quenching and Neat Cutting Oil Consumption (litres/month)					
4	Rust Preventive Oil Consumption					
5	Washing Oil Consumption (litres/month)					
6	Hydraulic Oil Consumption (litres/month)					
7	Other Lubricating Oil & Grease Consumption (litres/month)					
C	On-site Condition Monitoring	Current Testing Frequency	Currently Performed @Site (Yes/No)	If Yes, Attach a Copy of the Sample Report		
I	For Coolant & Washing Oils					
1	Concentration Check					
2	PH Check					
3	Total Hardness Test					
4	Chloride test					
5	Bacterial Test					
II	For Hydraulic Oils,Quenching & Neat Cutting Oils	Current Testing Frequency	Currently Performed @Site (Yes/No)	If Yes, Attach a Copy of the Sample Report		
1	Oil Patch Test					
2	Viscosity@40°C					
3	Moisture Test(Crackle Test) - Qualitative					
4	Moisture Test by Karl Fischer or Hydrogague(% or ppm)					
5	Online Particle Count					
6	Other Tests required (Please mention here) ➡					
D	Other Activities	Required / Not Required		Frequency		
1	Tank Cleaning					
2	Tray Cleaning					
3	Mesh (Jaali) Cleaning					
4	Chips Collection					
5	Oil Filtration					
E	Equipment for Lubrication Activity	Currently Available (Yes/No)	If Yes Mention Number	Mention Make/Type	If No, What is Current Practices	If No, Mention Required Number
I	For Handling & Dispensing					
1	Lube Room Space					
2	Oil Dispensing System					
3	S & R Oil Cans/Jars (SEALED AND RE-USABLE)					
4	Barrel Pump					
5	Trolley(3 wheels) for barrel movement					
6	Trolley(4 wheels) for oil cans/jars movement					
7	Coolant Pre-mixture System(for emulsion preparation)					
8	Coolant Topping Up Pump					

9	Sump Cleaner				Explain in Notes Area	
10	Tramp Oil Removal Machine				Explain in Notes Area	
11	Pump for Draining of oil/coolant (1 HP/2HP)				Explain in Notes Area	
12	Jet Pressure Washer for cleaning				Explain in Notes Area	
13	Lubricant Identification System(Color Coded Tag)				Explain in Notes Area	
II	For Filtration of Oils & coolants	Currently Available (Yes/No)	If Yes, Mention Number	Mention Make/Type	Filter Change Frequency	If No, Mention Required Number
1	Hydraulic Oil Filtration Machine					
2	Moisture Removal Machine					
3	Quenching and Neat Cutting Oil Filtration Machine					
4	Coolant Filtration cum sump cleaner					
	If any other equipment/machine/testing equipment required at Site(Please mention here) ➡					
F Current Manpower for Conducting the Lubrication, Coolant and Swarf Management						
I	Designation	A- Shift	G-Shift	B-Shift	C-Shift	Remark
1	Site Engineer					
2	Supervisor					
3	Fluid Handler					
G	Current Reporting System	YES	NO			
1	Daily Lubrication Activity Report received by Customer			If Yes, attach a Copy of the same		
2	Monthly Lubrication Activity Report received by Customer			If Yes, attach a Copy of the same		
3	High/Low Oil Consumption Machine Report received by Customer			If Yes, attach a Copy of the same		
4	Oil Balancing Report received by Customer			If Yes, attach a Copy of the same		
5	Oil & Coolant Testing Report received by Customer			If Yes, attach a Copy of the same		
6	Coolant Monitoring Display Chart Avaialble received by Customer			If Yes, attach a Copy of the same		
7	Leakage Report received by Customer			If Yes, attach a Copy of the same		
8	Hydraulic Tank Temperature Report received by Customer			If Yes, attach a Copy of the same		
9	Filtration activity Report received by Customer			If Yes, attach a Copy of the same		
10	Greasing Activity Report received by Customer			If Yes, attach a Copy of the same		
11	Waste Oil disposal Report received by Customer			If Yes, attach a Copy of the same		
12	Machine Trend Analysis Report received by Customer			If Yes, attach a Copy of the same		
H List of oils & coolants being used at Plant						
S.n	Oils & Coolants (Full Name)	Brand/Manufacture Name				