

**CONTACT INFORMATION**

[Redacted]  
 NULL  
 FAX: [Redacted]

**EQUIPMENT**

EQUIP NUM: 1214\_KLIX  
 SERIAL NUMBER: 1214\_KLIX  
 MODEL : SW1200\_EMD  
 MANUFACTURER : EMD  
 [Redacted]  
 JOB SITE :  
 AREA:  
 REGION:

**SAMPLE INFORMATION**

COMPARTMENT NAME : ENGINE  
 COMP SERIAL NUM:  
 COMPARTMENT MODEL :  
 LABEL#:  
 SHOP JOB NUM :  
 SAMPLE TYPE: OIL  
 SAMPLE SHIP TIME (days) : 1  
 SAMPLE LOCATION :

**No Action  
Required**

PRESENCE OF WATER (0.5%) MAY BE CONDENSATION &/OR SOURCED TO EXTERNAL ENTRY. NORMAL WEAR METAL READINGS. CONTINUE NORMALLY SCHEDULED SAMPLING.

LAB #  
 E480-50297-1058  
 PROCESS DATE 23-Oct-20

**WEAR/CONTAMINATION - ADDITIVES/FORMULATION**

SAMPLE DATE	SAMPLE ID	METER ( HR )	METER ON FLUID	FLUID CHANGE	FILTER CHANGE	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	Mo	Ni	Ag	Ti	V	Mn	Cd	Ca	P	Zn	Mg	Ba	B
22-Oct-20	E480-50297-1058	0	0	N	N	35	57	3	4	12	0	7	4	0	61	0	1	1	0	1	0	3141	55	59	26	1	4

**OIL FORMULATION - OIL CONDITION - OIL CONTAMINATION**

SAMPLE DATE	SAMPLE ID	METER ( HR )	METER ON FLUID	FLUID BRAND	FLUID TYPE	FLUID WEIGHT	FLUID CHANGE	FILTER CHANGE	V100	ST	OXI	SUL	NIT	W	A	F
22-Oct-20	E480-50297-1058	0	0				N	N	14.0	43	10	19	9	P	N	N

A = Antifreeze, Ag = Silver, Al = Aluminum, B = Boron, Ba = Barium, Ca = Calcium, Cd = Cadmium, Cr = Chromium, Cu = Copper, F = Fuel, Fe = Iron, K = Potassium, Mg = Magnesium, Mn = Manganese, Mo = Molybdenum, NIT = Nitration, Na = Sodium, Ni = Nickel, OXI = Oxidation, P = Phosphorus, Pb = Lead, ST = Soot, SUL = Sulfation, Si = Silicon, Sn = Tin, Ti = Titanium, V = Vanadium, V100 = Viscosity@100C, W = Water, Zn = Zinc

Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or a component thereof.