

Interp By: Heather Hart

REGION:

SAMPLE LOCATION :

**Monitor
Compartment**

LIGHT AMOUNT OF IRON AND DEBRIS VISIBLE UNDER MICROSCOPE. RESULTS MAY BE DUE TO EXTENDED OIL DRAIN PERIOD. NO OTHER PROBLEMS INDICATED AT THIS TIME. SUGGEST CHANGING OIL IF NOT ALREADY DONE. RESAMPLE IN 50 HOURS TO RECHECK LEVELS.

LAB #

B370-50297-0094

PROCESS 23-Oct-20

DATE

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
20-Oct-20	B370-50297-0094	320	0	U		85	150	2	8	447	0	8	13	5	11	0	0	1	0	1	0	2621	858	993	41	0	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	OXI	W
20-Oct-20	B370-50297-0094	320	0	UNKNOWN		UNKNOWN	U		11.1	4	N

IRON

OIL CLEANLINESS

SAMPLE DATE	SAMPLE ID	FLUID CHANGE	FILTER CHANGE	ISO	4μ	6μ	10μ	14μ	18μ	21μ	38μ	50μ
20-Oct-20	B370-50297-0094	U		23/21/14	40416	12553	722	160	70	48	7	3

Ag = Silver, Al = Aluminum, B = Boron, Ba = Barium, Ca = Calcium, Cd = Cadmium, Cr = Chromium, Cu = Copper, Fe = Iron, ISO = ISO Rating, K = Potassium, Mg = Magnesium, Mn = Manganese, Mo = Molybdenum, 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.