

**TOROMONT****CAT**

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Interp By: Joseph Al-Achkar

**EQUIPMENT**

EQUIP NUM: 20014332  
 SERIAL NUMBER: 20014332  
 MODEL : UNK\_HURTH  
 MANUFACTURER : HURTH  
 COMPANY NAME : ONTARIO EAST MARINE SURVEYS  
 JOB SITE :  
 AREA:  
 REGION:

**SAMPLE INFORMATION**

COMPARTMENT NAME : TRANSMISSION  
 COMP SERIAL NUM:  
 COMPARTMENT MODEL :  
 LABEL#: 224545555  
 SHOP JOB NUM :  
 SAMPLE TYPE: OIL  
 SAMPLE SHIP TIME (days) : 3  
 SAMPLE LOCATION :

**Monitor  
Compartment**

ALL READINGS ARE ACCEPTABLE DESPITE A PARTICLE COUNT SLIGHTLY HIGH FOR SMALL PARTICLES. MORE SAMPLE HISTORY NEEDED TO ESTABLISH A NORMAL WEAR TREND. INSPECT FILTERS FOR METAL OR OTHERS VISIBLES PARTICLES. SUGGEST TO FILTER OR CHANGE OIL AND RESAMPLE AT 500 HOURS TO MONIITOR.

LAB #

N02A-51301-1048

PROCESS 28-Oct-21  
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
25-Oct-21	N02A-51301-1048	0.0	0.0	U	U	5	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	52	342	441	6	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	ST	OXI	SUL	NIT	W	A
25-Oct-21	N02A-51301-1048	0.0	0.0	UNKNOWN		UNKNOWN	U	U	11.7	0	3	14	2	N	N

**OIL CLEANLINESS**

SAMPLE DATE	SAMPLE ID	FLUID CHANGE	FILTER CHANGE	ISO	4µ	6µ	14µ	21µ	38µ	50µ
25-Oct-21	N02A-51301-1048	U	U	23/20/13	48001	8755	47	19	6	2

A = Antifreeze, 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, NIT = Nitration, Na = Sodium, Ni = Nickel, OXI = Oxidation, P = Phosphorus, 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.