

TOROMONT

CAT

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CONTACT INFORMATION

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Interp By: Chong Duong

EQUIPMENT

EQUIP NUM: TR2036

SERIAL NUMBER: 742418

MODEL : A30G

MANUFACTURER : VOLVO

COMPANY NAME : COOPER EQUIPMENT RENTALS LTD - HUB

JOB SITE :

AREA:

REGION:

SAMPLE INFORMATION

COMPARTMENT NAME : DIFFERENTIAL CENTER

COMP SERIAL NUM:

COMPARTMENT MODEL :

LABEL#: 225822309

SHOP JOB NUM :

SAMPLE TYPE: OIL

SAMPLE SHIP TIME (days) : 16

SAMPLE LOCATION :

No Action
Required

NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

LAB #

N02A-55050-0851

PROCESS 19-Feb-25
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
03-Feb-25	N02A-55050-0851	6275.0	1744.0	Y	N	5	99	1	0	0	0	6	1	0	1	1	0	0	0	1	0	28	1226	14	0	0	296
31-Oct-23	N02A-53319-1011	4531.0	1110.0	Y	NA	3	79	1	0	0	0	3	1	0	1	1	0	0	0	1	0	30	939	20	6	0	200
11-Oct-22	N02A-52318-0769	3421.0	1463.0	Y	N	4	58	1	0	0	0	4	1	0	1	1	0	0		1	0	43	1006	25	1	0	230
06-Jul-21	N02A-51193-0740	1958.0	1958.0	Y	N	6	419	7	0	0	0	6	1	1	3	3	0	0		6	0	72	1048	40	1	0	188

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
03-Feb-25	N02A-55050-0851	6275.0	1744.0	PETRO-CAN	TRAXON	80W-90	Y	N	14.35	0	5	21	0	N
31-Oct-23	N02A-53319-1011	4531.0	1110.0	KENDALL		80W-90	Y	NA	14.02	0	8	27	0	N
11-Oct-22	N02A-52318-0769	3421.0	1463.0	KENDALL		80W-90	Y	N	13.96	0	6	22	4	N
06-Jul-21	N02A-51193-0740	1958.0	1958.0	KENDALL		80W-90	Y	N	13.5	0	6	22	4	N

OIL CLEANLINESS

SAMPLE DATE	SAMPLE ID	FLUID CHANGE	FILTER CHANGE	PQI
03-Feb-25	N02A-55050-0851	Y	N	46
31-Oct-23	N02A-53319-1011	Y	NA	57
11-Oct-22	N02A-52318-0769	Y	N	42
06-Jul-21	N02A-51193-0740	Y	N	302

Ag = Silver, Al = Aluminum, B = Boron, Ba = Barium, Ca = Calcium, Cd = Cadmium, Cr = Chromium, Cu = Copper, Fe = Iron, K = Potassium, Mg = Magnesium, Mn = Manganese, Mo = Molybdenum, NIT = Nitration, Na = Sodium, Ni = Nickel, OXI = Oxidation, P = Phosphorus, PQI = Particle Quantifying index, 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.