

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 FRONT

COMP SERIAL NUM:

COMPARTMENT MODEL :

LABEL#: 225973341

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-55050-0983

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-55050-0983	6275.0	1744.0	Y	N	3	106	2	0	0	0	5	2	0	1	0	0	0	0	1	0	8	1152	5	1	0	271
31-Oct-23	N02A-53319-1008	4531.0	1110.0	Y	NA	2	97	2	0	0	0	3	0	0	1	1	0	0	0	1	0	31	959	17	1	0	196
11-Oct-22	N02A-52318-0766	3421.0	1463.0	Y	N	3	54	1	0	0	0	3	0	0	0	1	0	0		1	0	47	1045	27	1	0	231
06-Jul-21	N02A-51193-0741	1958.0	1958.0	Y	N	4	421	7	0	0	0	5	1	1	2	3	0	0		5	0	17	1021	15	1	0	189

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-55050-0983	6275.0	1744.0	PETRO-CAN	TRAXON	80W-90	Y	N	14.40	0	5	20	0	N
31-Oct-23	N02A-53319-1008	4531.0	1110.0	KENDALL		80W-90	Y	NA	14.36	0	8	26	0	N
11-Oct-22	N02A-52318-0766	3421.0	1463.0	KENDALL		80W-90	Y	N	14.76	0	6	22	4	N
06-Jul-21	N02A-51193-0741	1958.0	1958.0	KENDALL		80W-90	Y	N	13.9	0	6	22	4	N

OIL CLEANLINESS

SAMPLE DATE	SAMPLE ID	FLUID CHANGE	FILTER CHANGE	PQI
03-Feb-25	N02A-55050-0983	Y	N	49
31-Oct-23	N02A-53319-1008	Y	NA	78
11-Oct-22	N02A-52318-0766	Y	N	37
06-Jul-21	N02A-51193-0741	Y	N	282

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.