

TOROMONT

CAT

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CONTACT INFORMATION

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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 : ENGINE

COMP SERIAL NUM:

COMPARTMENT MODEL :

LABEL#: 226088314

SHOP JOB NUM :

SAMPLE TYPE: OIL

SAMPLE SHIP TIME (days) : 3

SAMPLE LOCATION :

**Action
Required**

WATER WAS DETECTED IN THIS SAMPLE. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. UNABLE TO RUN VISCOSITY TESTS DUE TO WATER IN SAMPLE. WATER MAY BE DUE TO WATER ENTRY AND/OR EXTERNAL CONTAMINATION. RECOMMEND INVESTIGATING THE REASON FOR WATER ENTRY/CONTAMINATION. CHANGE OIL, FLUSH THE SYSTEM AND RESAMPLE TO MONITOR FOR WATER ENTRY.

LAB #

N02A-55275-0354

PROCESS 02-Oct-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
29-Sep-25	N02A-55275-0354	7138.0	554.0	U	U	0	10	0	0	0	0	3	1	1	58	0	0	0		0	0	1085	1115	1343	977	0	2
25-Apr-25	N02A-55133-0490	6584.0	538.0	Y	Y	1	11	1	0	1	0	3	0	1	58	0	0	0		0	0	1117	1127	1299	1033	0	1
29-Nov-24	N02A-55013-1135	6046.0	541.0	Y	Y	1	14	1	2	0	0	4	3	0	65	1	0	0	0	0	0	1241	1237	1511	1104	0	2
23-Aug-24	N02A-54249-1052	5505.0	602.0	Y	Y	1	10	1	0	0	0	2	2	1	56	0	0	0		0	0	1255	1156	1430	975	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	F
29-Sep-25	N02A-55275-0354	7138.0	554.0	PETRO-CAN	DURON HP	15W-40	U	U						E	N	N
25-Apr-25	N02A-55133-0490	6584.0	538.0	PETRO-CAN	DURON HP	15W-40	Y	Y	12.35	11	14	18	0	N	N	N
29-Nov-24	N02A-55013-1135	6046.0	541.0	PETRO-CAN	DURON HP	15W-40	Y	Y	12.80	16	14	19	0	N	N	N
23-Aug-24	N02A-54249-1052	5505.0	602.0	KENDALL		15W-40	Y	Y	12.80	14	16	21	0	N	N	N

OIL CLEANLINESS

SAMPLE DATE	SAMPLE ID	FLUID CHANGE	FILTER CHANGE	PQI
29-Sep-25	N02A-55275-0354	U	U	9
25-Apr-25	N02A-55133-0490	Y	Y	5
29-Nov-24	N02A-55013-1135	Y	Y	4
23-Aug-24	N02A-54249-1052	Y	Y	10

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, PQI = Particle Quantifying index, ST = Soot, SUL = Sulfation, Si = Silicon, Sn = Tin, Ti = Titanium, 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.