

TOROMONT

CAT

TOROMONT CAT - Fluid Analysis Laboratory, Laboratoire d'analyse des fluides, 5001 Trans-Canada Highway,

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CONTACT INFORMATION

PHONE:

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Interp By: Chong Duong

EQUIPMENT

EQUIP NUM: HE1415

SERIAL NUMBER: DKS01543

MODEL : 336

MANUFACTURER : CAT

COMPANY NAME : COOPER EQUIPMENT RENTALS LTD - HUB

JOB SITE :

AREA:

REGION:

SAMPLE INFORMATION

COMPARTMENT NAME : ENGINE

COMP SERIAL NUM:

COMPARTMENT MODEL :

LABEL#: 225974765

SHOP JOB NUM :

SAMPLE TYPE: OIL

SAMPLE SHIP TIME (days) : 34

SAMPLE LOCATION :

No Action
Required

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

LAB #

N02A-55083-0934

PROCESS 24-Mar-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
18-Feb-25	N02A-55083-0934	8152.0	140.0	Y	Y	1	7	0	1	1	0	3	0	0	59	0	0	0	0	0	1	1071	1213	1342	1132	0	1
18-Dec-24	N02A-55013-0043	8012.0	537.0	Y	Y	1	14	0	0	2	0	2	1	3	59	0	0	0		0	0	1138	1092	1361	1030	0	0
22-Aug-24	N02A-54249-1344	7475.0	565.0	Y	Y	2	23	1	2	3	0	3	4	0	61	0	0	0		0	0	1265	1211	1449	1056	0	5
02-Apr-24	N02A-54114-0834	6910.0	1133.0	Y	Y	3	28	1	0	4	0	2	2	2	56	0	0	0		0	0	1308	1145	1376	918	0	11

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
18-Feb-25	N02A-55083-0934	8152.0	140.0	PETRO-CAN	DURON HP	15W-40	Y	Y	14.27	13	13	18	0	N	N	N
18-Dec-24	N02A-55013-0043	8012.0	537.0	PETRO-CAN	DURON HP	15W-40	Y	Y	13.80	41	16	22	0	N	N	N
22-Aug-24	N02A-54249-1344	7475.0	565.0	KENDALL		15W-40	Y	Y	14.50	60	17	23	0	N	N	N
02-Apr-24	N02A-54114-0834	6910.0	1133.0	KENDALL		15W-40	Y	Y	14.15	67	19	24	1	N	N	N

OIL CLEANLINESS

SAMPLE DATE	SAMPLE ID	FLUID CHANGE	FILTER CHANGE	PQI
18-Feb-25	N02A-55083-0934	Y	Y	8
18-Dec-24	N02A-55013-0043	Y	Y	9
22-Aug-24	N02A-54249-1344	Y	Y	12
02-Apr-24	N02A-54114-0834	Y	Y	8

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, 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.