

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 : HYDRAULIC SYSTEM

COMP SERIAL NUM:

COMPARTMENT MODEL :

LABEL#: 225849458

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-55083-1154

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	Mn	Cd	Ca	P	Zn	Mg	Ba	B
18-Feb-25	N02A-55083-1154	8152.0	6275.0	Y	Y	11	18	4	1	1	0	5	5	2	1	0	0	0	0	0	392	829	992	284	0	2
25-Nov-21	N02A-52024-0702	1877.0	935.0	Y	Y	8	9	1	0	1	0	1	2	2	0	0	0	0	0	190	702	904	34	0	0	
04-Jan-21	N02A-51008-2351	942.0	942.0	Y	Y	7	8	1	1	1	0	1	1	1	0	0	0	0	0	207	770	967	39	0	1	

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
18-Feb-25	N02A-55083-1154	8152.0	6275.0	PETRO-CAN	DURON MON	10W	Y	Y	6.570	2	6	19	0	N	N
25-Nov-21	N02A-52024-0702	1877.0	935.0	KENDALL		10W	Y	Y	7.160	0	5	15	3	N	N
04-Jan-21	N02A-51008-2351	942.0	942.0	KENDALL		10W	Y	Y	6.7	0	5	14	3	N	N

OIL CLEANLINESS

SAMPLE DATE	SAMPLE ID	FLUID CHANGE	FILTER CHANGE	ISO	4μ	6μ	14μ	21μ	38μ	50μ	70μ
18-Feb-25	N02A-55083-1154	Y	Y	16/14/12	345	140	30	15	10	5	0
25-Nov-21	N02A-52024-0702	Y	Y	17/13/10	1016	56	6	4	2	2	1
04-Jan-21	N02A-51008-2351	Y	Y	23/22/14	69781	32987	127	45	24	18	11

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, 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.