

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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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 : SWING DRIVE

COMP SERIAL NUM:

COMPARTMENT MODEL :

LABEL#: 225952777

SHOP JOB NUM :

SAMPLE TYPE: OIL

SAMPLE SHIP TIME (days) : 34

SAMPLE LOCATION :

No Action
Required

ALL READINGS ARE ACCEPTABLE. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

LAB #

N02A-55083-0931

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-55083-0931	8152.0	6275.0	Y	N	1	83	1	1	0	0	8	2	1	2	0	0	0	0	1	0	3160	1127	1301	14	2	1
25-Nov-21	N02A-52024-0703	1877.0	935.0	Y	NA	1	99	1	0	0	0	18	1	4	3	0	0	0		2	0	3645	1027	1157	15	10	1
04-Jan-21	N02A-51008-2352	942.0	942.0	Y	U	0	2	0	1	0	0	3	2	0	1	0	0	0		0	0	3206	1073	1344	16	0	3

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
18-Feb-25	N02A-55083-0931	8152.0	6275.0	PETRO-CAN	PRODURO TO	30	Y	N	10.57	0	3	14	0	N
25-Nov-21	N02A-52024-0703	1877.0	935.0	KENDALL		30	Y	NA	10.54	0	8	17	5	N
04-Jan-21	N02A-51008-2352	942.0	942.0	KENDALL		30	Y	U	11.2	0	3	17	3	N

OIL CLEANLINESS

SAMPLE DATE	SAMPLE ID	FLUID CHANGE	FILTER CHANGE	ISO	PQI	4μ	6μ	14μ	21μ	38μ	50μ	70μ
18-Feb-25	N02A-55083-0931	Y	N		48							
25-Nov-21	N02A-52024-0703	Y	NA	20/16/12	16	8646	574	35	14	5	2	0
04-Jan-21	N02A-51008-2352	Y	U		4							

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.