



FINNING CANADA LTD. - Fluid Analysis Laboratory, 10910-170th Street, Edmonton, AB, T6S 1H6, CANADA

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EQUIPMENT

CUSTOMER EQUIP NUM : 14611
SERIAL NUMBER : R9J01266
MODEL : 14M
MANUFACTURER : CAT
COMPANY NAME : WHEATLAND COUNTY

SAMPLE INFORMATION

COMPARTMENT NAME : TRANSMISSION DIFF
COMP SERIAL NUM :
COMPARTMENT MODEL :

LABEL# : 4977577

SHOP JOB NUM :

SAMPLE TYPE: OIL

SAMPLE SHIP TIME (days) : 6

SAMPLE LOCATION :

Interp By: Peter Leggo

No Action
Required

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE
NEXT SERVICE INTERVAL.

LAB #

N030-48276-0548

PROCESS 03-Oct-18

DATE

WEAR/CONTAMINATION - ADDITIVES/FORMULATION

SAMPLE DATE	SAMPLE ID	METER (HR)	METER ON FLUID	FLUID CHANGE	FILTER CHANGE	Na	K	SI	Al	Fe	Cr	Pb	Cu	Sn	Ni	Ag	Ti	V	Zn	Ca	Mg	Ba	B	Mn	P
27-Sep-18	N030-48276-0548	7485	7485	N	N	2	1	3	1	19	0	0	39	0	0	0	0	0	1107	3318	7	0	0	0	851
22-Jan-18	N030-48025-0510	6331	4335	N	N	3	2	4	1	80	0	1	194	0	0	0	0	0	1056	2555	9	0	0	0	1006
20-Jan-17	N030-47023-0575	4450	2454	U	U	3	1	4	0	43	0	1	145	<0	0	0	0	<0	1082	2668	6	0	1	1	1003
21-Dec-15	N030-45393-0038	2476	1476	U	U	3	0	3	1	18	<0	<0	13	<0	0	<0	0	0	1082	2713	6	0	2	0	973

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	V40	VI	ST	OXI	SUL	NIT	A
27-Sep-18	N030-48276-0548	7485	7485	PETRO-CAN	UNKNOWN		N	N	10.3	85.3	102	0	6	13	4	N
22-Jan-18	N030-48025-0510	6331	4335	PETRO-CAN	UNKNOWN		N	N	8.9	60.0	125	0	13	25	4	N
20-Jan-17	N030-47023-0575	4450	2454	PETRO-CAN	PRODDURO	30	U	U	10.8	84.9			3	17	3	N
21-Dec-15	N030-45393-0038	2476	1476	PETRO-CAN	PRODDURO	30	U	U	10.7	86.2			3			N

OIL CLEANLINESS

SAMPLE DATE	SAMPLE ID	FLUID CHANGE	FILTER CHANGE	ISO	4µ	6µ	10µ	14µ	18µ	21µ	38µ	50µ	W
27-Sep-18	N030-48276-0548	N	N	21/8/14	16309	1692	317	150	96	72	10	2	N
22-Jan-18	N030-48025-0510	N	N	22/8/14	24176	1836	306	120	52	30	5	4	N
20-Jan-17	N030-47023-0575	U	U	22/8/14	27333	2081	335	126	58	28	1	0	N
21-Dec-15	N030-45393-0038	U	U	23/20/13	45773	5433	220	43	12	7	1	1	N

A = Antifreeze, Ag = Silver, Al = Aluminum, B = Boron, Ba = Barium, Ca = Calcium, Cr = Chromium, Cu = Copper, Fe = Iron, ISO = ISO Rating, K = Potassium, Mg = Magnesium, Mo = Molybdenum, NIT = Nitration, Na = Sodium, Ni = Nickel, OXI = Oxidation, P = Phosphorus, Pb = Lead, ST = Sulfate, Si = Silicon, Sn = Tin, Ti = Titanium, V = Vanadium, V100 = Viscosity@100C, V40 = Viscosity@40C, VI = Viscosity Index, 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.