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CONTACT INFORMATION

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Interp By: Tony Finney

EQUIPMENT

EQUIP NUM: 6710

SERIAL NUMBER:

MODEL : C32

MANUFACTURER : CAT

COMPANY NAME :

JOB SITE :

AREA:

REGION:

SAMPLE INFORMATION

COMPARTMENT NAME : ENGINE

COMP SERIAL NUM:

COMPARTMENT MODEL :

LABEL#: QC

SHOP JOB NUM :

SAMPLE TYPE: OIL

SAMPLE SHIP TIME (days) : 2

SAMPLE LOCATION : ANAHEIM

Monitor Compartment

SODIUM AND POTASSIUM ARE ELEVATED. NO GLYCOL/WATER DETECTED. ALL OTHER ANALYSIS READINGS APPEAR NORMAL.
MONITOR FLUID LEVELS/USAGE RESAMPLE IN 250 HOURS TO MONITOR.

LAB #

H430-51070-1410

PROCESS 11-Mar-21
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	Sb	Ti	V	Ca	P	Zn	Mg	Ba	B
09-Mar-21	H430-51070-1410	4958		N	N	2	21	0	1	1	0	6	58	55	20	0	0	0	0	0	1850	980	1057	956	0	71
26-Jul-17	H390-47235-0513	0	0	U		4	18	1	2	2	1	11	71	13	57	0	0	0	0		1992	1028	1123	738	0	42
24-Jan-17	H270-47027-0004	1577		N	N	1	5	0	0	0	0	7	27	2	49	0	0	0	0		1644	857	965	551	0	59
01-Dec-16	H270-46337-0033	0	0	U	U	2	16	1	0	0	0	19	42	0	64	0	0	0	0		1364	1104	1125	944	0	53

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	PFc
09-Mar-21	H430-51070-1410	4958		MOBIL		15W-40	N	N	15.5	11	16	24	9	N	N	N	2.11
26-Jul-17	H390-47235-0513	0	0	CAT		15W-40	U		13.6	0	7	13	4	N	N	N	1.47
24-Jan-17	H270-47027-0004	1577		CAT		15W-40	N	N	13.3	0	17	20	6	N	N	N	1.03
01-Dec-16	H270-46337-0033	0	0	CAT		15W-40	U	U	14.9	2	17	22	9	N	N	N	1.20

Cu = Copper, Fe = Iron, Cr = Chromium, Al = Aluminum, Pb = Lead, Sn = Tin, Si = Silicon, Na = Sodium, K = Potassium, B = Boron, Mo = Molybdenum, Ni = Nickel, Ag = Silver, Ti = Titanium, Sb = Antimony, Ca = Calcium, Mg = Magnesium, Zn = Zinc, P = Phosphorus
A = Antifreeze, F = Fuel, W = Water, P = Positive, N = Negative, T = Trace, E = Excessive, NIT = Nitration, OXI = Oxidation, ST = Soot, SUL = Sulfation, ISO = ISO Rating, PFC = Percent Fuel Content NaW = Salt Water, FI PI = Flash Point, TAN = Total Acid Number,
TBN = Total Base Number, H2O = Karl Fisher Result, V100 = Viscosity at 100C

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.