COMPANY NAME :	USED CAT MACHINES RENTAL	SHOP JOB NUM :	
CUSTOMER EQUIP NUM :		COMP SERIAL NUM :	
COMPARTMENT NAME :	TRANSMISSION	COMPARTMENT MODEL :	
SERIAL NUMBER :	9XG01344	COMP MANUFACTURER :	
MANUFACTURER :	CATERPILLAR	SAMPLE LABEL NUM :	1058268
MODEL :	615CII	FLUID BRAND/WEIGHT :	CATERPILLAR/30
JOB SITE :		FLUID TYPE :	
EXT WARR NUMBER :		EXT WARR EXPIRE DATE :	

FAX:
PHONE: 307-472-1000

SAMPLE TYPE: OIL

Wyoming MACHINERY COMPANY CAT

SOS Services Laboratory
5300 Old Yellowstone Hwy.
Casper, WY 82604-1954
307-472-1000

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
E490-37318-0110	11/13/07	11/14/07	4495 HR	4495 HR	No			
Monitor Compartment	NORMAL WEAR METAL READINGS. PARTICLE COUNT CONTINUES TO BE ABOVE THE RECOMMENDED ISO CODE LEVEL FOR THIS SYSTEM.							
E490-37012-0093	1/11/07	1/12/07	4314 HR		No			
Action Required	OIL TOO DARK FOR PARTICLE COUNT TO REGISTER VALUES. NORMAL WEAR METAL READINGS. VISCOSITY TESTED AT 20 WT. CHANGE OIL BASED ON VISCOSITY AND PARTICLE COUNT							
E490-36230-0119	8/17/06	8/18/06	3751 HR		No			
Action Required	NORMAL WEAR METAL READINGS. OIL TOO DARK FOR PARTICLE COUNT TO REGISTER VALUES. CHANGE OIL AND FILTERS TO CLEAN UP							
E490-35243-0102	8/30/05	8/31/05	3269 HR		No			
Monitor Compartment	OIL TOO DIRTY FOR PARTICLE COUNT. WEAR METALS NORMAL. ISO CODE FAILED SPECIFIATION. SUGGEST OIL CHANGE TO CLEAN UP.							

Wear Metals (ppm)	Al	Ca	Cr	Cu	Fe	Pb	Mg	Mo	Ni	P	K	Si	Na	Sn	Zn
E490-37318-0110	2	3098	0	2	6	0	16	1	0	1044	1	6	2	0	1204
E490-37012-0093	1	4226	0	8	25	6	46	4	0	1193	1	2	3	0	1385
E490-36230-0119	1	3124	0	5	8	3		1	0	1103		2	3	0	1203
E490-35243-0102	3	2917	0	7	7	3		1	0	1016		8	4	0	1077

Oil Condition / Particle Count (ct/ml)	W	A	V100	ISO	4µ	6µ	10µ	14µ	21µ	38µ	50µ
E490-37318-0110	N	N	10.6	23/23/21	62947	44301	22462	11720	4122	435	122
E490-37012-0093	N	N	8.2	BLACK							
E490-36230-0119	N	N	8.1	BLACK							
E490-35243-0102	N	N	10.1	BSLN HI							

USED CAT MACHINES RENTAL
SEAN DONNELLY
SALES DEPT.
CASPER, WY 82604

Ag = Silver, Al = Aluminum, B = Boron, Ca = Calcium, Cr = Chromium, Cu = Copper, Fe = Iron, P = Phosphorus, K = Potassium, Mg = Magnesium, Mo = Molybdenum, Na = Sodium, Ni = Nickel, Pb = Lead, Si = Silicon, Sn = Tin, V = Vanadium, Zn = Zinc, 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, PQI = Particle Quantifying index , NaW = Salt Water, FL Pt = Flash Point, TAN = Total Acid Number, TBN = Total Base Number, H2O = Karl Fisher result, V100 = Viscosity@100C, V40 = Viscosity@40C

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.