

LEWIS COUNTY CENTRAL SHOP
Arlie Champ
109 FOREST NAPAVINE RD
Chehalis, WA 98532

FAX: 360-740-2685
 PHONE: 360-740-1150
SAMPLE TYPE: OIL
 SAMPLE SHIP TIME (days): 4

COMPANY NAME: LEWIS COUNTY CENTRAL SHOP
 CUSTOMER EQUIP NUM: 26-105
 COMPARTMENT NAME: ENGINE
 SERIAL NUMBER: LCA40
 MANUFACTURER: JOHN DEERE
 MODEL: 310SG_DEERE
 JOB SITE:
 EXT WARR NUMBER:
 SHOP JOB NUM: 8000
 COMP SERIAL NUM:
 COMPARTMENT MODEL:
 COMP MANUFACTURER:
 SAMPLE LABEL NUM:
 FLUID BRAND/WEIGHT: UNION7615W-40
 FLUID TYPE:
 EXT WARR EXPIRE DATE:
 FUEL CONSUMED:

NC MACHINERY



SOS Services Laboratory
 17025 West Valley Highway
 Tukwila, WA 98188-5519
 800-562-4735

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
H330-48225-137	09-Aug-2018	13-Aug-2018	5478.0 HR	231.0 HR	Yes			Yes
No Action Required THIS SAMPLE APPEARS NORMAL CONTINUE SAMPLING AT THE NORMAL INTERVAL.								
H330-47240-1063	24-Aug-2017	28-Aug-2017	5247.0 HR	215.0 HR	Yes			Yes
No Action Required THIS SAMPLE APPEARS NORMAL CONTINUE SAMPLING AT THE NORMAL INTERVAL.								
H330-47005-1078	03-Jan-2017	05-Jan-2017	5032 HR	264 HR	Yes			Yes
No Action Required WEAR METAL READINGS APPEAR NORMAL. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.								
H330-46200-1143	14-Jul-2016	18-Jul-2016	4768 HR	249 HR	Yes			Yes
No Action Required WEAR METAL READINGS APPEAR NORMAL. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.								

Oil Condition / Particle Count (c/ml)	Wear Metals (ppm)																														
	ST	OXI	NIT	SUL	W	A	F	PFC	V100	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	B	Mo	Ni	Ag	Ti	V	Mn	Cd	Ca	Mg	Zn	P	Ba
H330-48225-137	17	15	8	20	N	N	N	14.2		9	19	0	2	1	0	4	11	0	28	4	1	0	6	0	0	0	1955	193	1147	988	0
H330-47240-1063	14	17	9	21	N	N	N	0.99		1	17	1	3	2	0	3	5	2	71	3	1	0	94	0	0	0	2070	288	1316	1093	0
H330-47005-1078	16	15	7	20	N	N	N	14.7		1	16	0	3	3	0	2	3	0	18	4	1	0	0	0	0	0	2203	23	1116	940	0
H330-48200-1143	21	15	7	20	N	N	N	14.4		1	19	0	3	3	0	4	3	0	7	4	1	0	1	0	0	0	2373	21	1182	978	0

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Ag = Silver, Al = Aluminum, B = Boron, Ca = Calcium, Cr = Chromium, Cu = Copper, Fe = Iron, P = Phosphorus, K = Potassium, Li = Lithium, Mg = Magnesium, Mo = Molybdenum, Na = Sodium, Ni = Nickel, Pb = Lead, Si = Silicon, Sn = Tin, S = Sulfur, V = Vanadium, Zn = Zinc, A = Antifreeze, F = Fuel, W = Water, P = Positive, N = Negative, T = Trace, E = Excessive, OXI = Oxidation, ST = Soot, SUL = Sulfation, ISO = ISO Rating, PFC = Percent Fuel Content, PFI = Particle Quantifying Index, NAW = Sulf Water, FLPI = Flash Point, TAN = Total Acid Number, TBN = Total Base Number, H2O = Karl Fisher result, V100 = Viscosity@100C, V40 = Viscosity@40C, PVI = Particle Volume Indicator

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.