

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) : 1

COMPANY NAME : LEWIS COUNTY CENTRAL SHOP
 CUSTOMER EQUIP NUM : 26-105
 COMPARTMENT NAME : ENGINE
 SERIAL NUMBER : LC440
 MANUFACTURER : JOHN DEERE
 MODEL : 310SG_DEERE
 JOB SITE :
 EXT WARR NUMBER :
 SHOP JOB NUM : 2404
 COMP SERIAL NUM :
 COMPARTMENT MODEL :
 COMP MANUFACTURER :
 SAMPLE LABEL NUM :
 FLUID BRAND/WEIGHT : UNIONT6/15W-40
 FLUID TYPE :
 EXT WARR EXPIRE DATE :
 FUEL CONSUMED :

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

NC MACHINERY



LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
H330-45209-3031	27-Jul-2015	28-Jul-2015	4280 HR	269 HR	Yes			Yes
THIS SAMPLE APPEARS NORMAL. CONTINUE SAMPLING AT THE NORMAL INTERVAL.								
No Action Required								
H330-45009-1075	06-Jan-2015	09-Jan-2015	4011 HR	525 HR	Yes			Yes
THIS SAMPLE APPEARS NORMAL. CONTINUE SAMPLING AT THE NORMAL INTERVAL.								
No Action Required								
H330-43294-1143	15-Oct-2013	21-Oct-2013	3486 HR	191 HR	Yes			Yes
THIS SAMPLE APPEARS NORMAL. CONTINUE SAMPLING AT THE NORMAL INTERVAL.								
No Action Required								
H330-43162-1072	05-Jun-2013	11-Jun-2013	3295 HR	302 HR	Yes			Yes
THIS SAMPLE APPEARS NORMAL. CONTINUE SAMPLING AT THE NORMAL INTERVAL.								
No Action Required								

Wear Metals (ppm)																						
	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	B	Mo	Ni	Ag	Ti	V	Mn	Cd	Ca	Mg	Zn	P	Ba
H330-45209-3031	1	24	0	3	3	0	4	3	1	26	9	1	0	1	0	0	0	2176	30	1140	936	0
H330-45009-1075	1	16	0	2	2	0	3	0	1	40	4	0	0	9	0	0	0	2100	47	1123	941	0
H330-43294-1143	1	22	1	4	2	0	4	4	2	123	7	1	0	87	0	0	0	2046	324	1320	1075	0
H330-43162-1072	2	30	1	4	2	0	4	3	1	31	3	2	0	2	0	0	0	3482	123	1423	1159	0

Oil Condition / Particle Count (ct/ml)										
	ST	OXI	NIT	SUL	W	A	F	V100		
H330-45209-3031	28	15	7	20	N	N	N	14.4		
H330-45009-1075	21	15	7	19	N	N	N	14.6		
H330-43294-1143	18	20	11	18	N	N	N	15.3		
H330-43162-1072	23	16	9	21	N	N	N	14.8		

Lewis County Central Shop
Archie Champ
109 Forest Napavine Rd
Chehalis, WA 98532

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

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, PFC = Percent Fuel Content, PCL = Particle Counting Index, NAW = Salt Water, FL PI = 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.