

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

COMPANY NAME : LEWIS COUNTY CENTRAL SHOP
 CUSTOMER EQUIP NUM : 26-105
 COMPARTMENT NAME : ENGINE
 SERIAL NUMBER : LC440
 MANUFACTURER : JOHN DEERE
 MODEL : 310SQ_DEERE
 JOB SITE :
 EXT WARR NUMBER :
 SHOP JOB NUM : 6169
 COMP SERIAL NUM :
 COMPARTMENT MODEL :
 COMP MANUFACTURER :
 SAMPLE LABEL NUM :
 FLUID BRAND/WEIGHT : UNION76/15W/40
 FLUID TYPE :
 EXT WARR EXPIRE DATE :
 FUEL CONSUMED :

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



FAX: 360-740-2685
 PHONE: 360-740-1150
 SAMPLE TYPE: **OIL**
 SAMPLE SHIP TIME (day's) : 4

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
--------------------	-------------	--------------	-----------------	----------------	---------------	---------------	---------------------	----------------

H330-47240-1063	24-Aug-2017	28-Aug-2017	5247.0 HR	215.0 HR	Yes			Yes
-----------------	-------------	-------------	-----------	----------	-----	--	--	-----

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
-----------------	-------------	-------------	---------	--------	-----	--	--	-----

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
-----------------	-------------	-------------	---------	--------	-----	--	--	-----

WEAR METAL READINGS APPEAR NORMAL. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

H330-46027-1113	26-Jan-2016	27-Jan-2016	4519 HR	239 HR	Yes			Yes
-----------------	-------------	-------------	---------	--------	-----	--	--	-----

WEAR METAL READINGS APPEAR NORMAL. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

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
H330-47240-1063	1	17	1	3	2	0	3	5	2	71	3	1	0	94	0	0	0	2070	286	1316	1093	0
H330-47005-1078	1	16	0	3	3	0	2	3	0	18	4	1	0	0	0	0	0	2203	23	1116	940	0
H330-46200-1143	1	19	0	3	3	0	4	3	0	7	4	1	0	1	0	0	0	2373	21	1182	978	0
H330-46027-1113	1	17	1	3	3	0	3	4	0	30	7	1	0	1	0	0	0	2450	27	1220	998	0

Oil Contention / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	A	F	PFC	V100
H330-47240-1063	14	17	9	21	N	N	N	0.99	14.3
H330-47005-1078	16	15	7	20	N	N	N		14.7
H330-46200-1143	21	15	7	20	N	N	N		14.4
H330-46027-1113	21	15	7	20	N	N	N		14.2

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, NIT = Nitration, OXI = Oxidation, ST = Soot, SUL = Sulfation, ISO = ISO Rating, PFC = Percent Fuel Content, PQI = Particle Quantifying Index, NAW = Salt Water, FL Pl = Total Acid Number, 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.

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