

**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): 6

COMPANY NAME: LEWIS COUNTY CENTRAL SHOP  
 CUSTOMER EQUIP NUM: 21-105  
 COMPARTMENT NAME: ENGINE TRUCK  
 SERIAL NUMBER: R073126  
 MANUFACTURER: KENWORTH  
 MODEL: T800B\_KENWORTH  
 JOB SITE:  
 EXT WARR NUMBER:

SHOP JOB NUM: 1680  
 COMP SERIAL NUM:  
 COMPARTMENT MODEL:  
 COMP MANUFACTURER:  
 SAMPLE LABEL NUM:  
 FLUID BRAND/WEIGHT: UNKNOWN  
 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
H330-45062-1102	2/25/15	3/3/15	10005 HR	502 HR	Yes			Yes
THIS SAMPLE APPEARS NORMAL. CONTINUE SAMPLING AT THE NORMAL INTERVAL.								
H330-44163-1068	6/5/14	6/12/14	9503 HR	500 HR	Yes			Yes
WEAR METAL READINGS APPEAR NORMAL. THIS SAMPLE APPEARS NORMAL. CONTINUE SAMPLING AT THE NORMAL INTERVAL.								
H330-43311-1073	11/1/13	11/7/13	9003 HR	504 HR	Yes			Yes
THIS SAMPLE APPEARS NORMAL. CONTINUE SAMPLING AT THE NORMAL INTERVAL.								
H330-43143-1065	5/20/13	5/23/13	8499 HR	510 HR	Yes			Yes
THIS SAMPLE APPEARS NORMAL. 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
H330-45062-1102	3	16	1	4	3	0	7	5	1	44	4	0	0	10	0	0	0	2085	48	1162	970	0
H330-44163-1068	4	12	1	2	2	0	4	4	2	150	7	0	0	86	0	0	0	1941	288	1303	1060	0
H330-43311-1073	5	19	1	1	2	0	5	4	3	60	0	1	0	78	0	0	0	1919	306	1299	1044	0
H330-43143-1065	6	21	1	3	2	0	7	5	2	61	5	0	0	78	0	1	0	1924	280	1234	1022	0

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	A	F	V100
H330-45062-1102	29	15	7	21	N	N	N	14.0
H330-44163-1068	25	17	8	21	N	N	N	14.4
H330-43311-1073	29	19	11	18	N	N	N	14.4
H330-43143-1065	26	16	8	20	N	N	N	13.9

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, PCQ = Particle Quantifying Index, NaW = Salt Water, FL P1 = 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.

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