

DAVID TENHUNDFELD  
 DAVID TENHUNDFELD  
 2130 MCFARLIN LANE  
 MILTON, GA 3004

COMPANY NAME : CARA MIA  
 CUSTOMER EQUIP NUM : STARBOARD  
 COMPARTMENT NAME : MARINE GEAR  
 SERIAL NUMBER : 25816J\_CARA  
 MANUFACTURER : ZF  
 MODEL : HSW800  
 JOB SITE :  
 EXT WARR NUMBER :

SHOP JOB NUM :  
 COMP SERIAL NUM :  
 COMPARTMENT MODEL :  
 COMP MANUFACTURER :  
 SAMPLE LABEL NUM :  
 FLUID BRAND/WEIGHT :  
 FLUID TYPE :  
 EXT WARR EXPIRE DATE :  
 FUEL CONSUMED :



330 Lee Industrial Blvd.

Austell, GA 30168-7497  
 800-282-1562  
 www.YanceyBros.com

FAX:  
 PHONE: 404-402-8836  
 SAMPLE TYPE: **OIL**  
 SAMPLE SHIP TIME (days) : 6

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
D500-49014-1143	08-Jan-2019	14-Jan-2019	917 HR	100 HR	Yes			Yes

**Monitor Compartment** PARTICLE COUNT IS ELEVATED. SUSPECT BEARING/BUSHING WEAR. OIL CHANGE INDICATED. RESAMPLE IN 250 HOURS TO MONITOR.

Wear Metals (ppm)	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	B	Mo	Ni	Ag	Ti	Ca	Mg	Zn	P
D500-49014-1143	51	40	0	3	16	2	6	9	1	289	0	0	0	0	251	2	24	631

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	V100	ISO	6µ	14µ	21µ	38µ
D500-49014-1143	0	17	6	24	N	5.6	20/16	8861	481	223	38

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 = Sulphur, 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 Pt = 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.