

YORK RIVER YACHT HAVEN

**8109 YACHT HAVEN RD PO BOX 1070
GLOUCESTER POINT RD, VA 23062**

FAX: 804-642-4766

PHONE: 804-642-2156

SAMPLE TYPE: OIL

SAMPLE SHIP TIME (days): 1

COMPANY NAME : YORK RIVER YACHT HAVEN

CUSTOMER EQUIP NUM : 2GM20_YRYH

COMPARTMENT NAME : ENGINE

SERIAL NUMBER : 2GM20_YRYH

MANUFACTURER : YANMAR

MODEL : 2GM20_YANMAR

JOB SITE :

EXT WARR NUMBER :

SHOP JOB NUM :

COMP SERIAL NUM :

COMPARTMENT MODEL :

COMP MANUFACTURER :

SAMPLE LABEL NUM :

FLUID BRAND/WEIGHT : 15W-40

FLUID TYPE :

EXT WARR EXPIRE DATE :

FUEL CONSUMED :



Fluids Analysis Laboratory
1330 Lynchburg Turnpike
Salem, VA 24153-5457
540-387-1111
www.cartermachinery.com

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
D100-43350-0234	12/15/13	12/16/13	0	0	No			
<div style="border: 2px solid red; padding: 2px; display: inline-block; margin-bottom: 5px;">Action Required</div> FUEL DILUTION ABOVE 4% BY VOLUME IN OIL. LEAD IS ELEVATED. INVESTIGATE SOURCE OF FUEL DILUTION. CHANGE OIL AND FILTER. IMMEDIATELY AFTERWARDS, BRING ENGINE UP TO OPERATING TEMPERATURE AND TAKE A BASELINE SAMPLE. RESAMPLE AT HALF THE NORMAL SAMPLE INTERVAL AFTER BASELINE TO VERIFY FUEL DILUTION NO LONGER EXISTS.								

Wear Metals (ppm)	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	B	Mo	Ni	Ag	Ca	Mg	Zn	P
D100-43350-0234	11	24	5	4	11	6	18	22	3	12	2	0	0	1357	19	407	328

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	A	F	V100	PQI
D100-43350-0234	0	8	6	15	N	N	P	4.5	39

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, 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

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.