EVEN KEEL MARINE SURVEY
Bill Shaw
12 LANNISTER LANE
Seekonk, MA 02771
FAX:
PHONE: 401-252-1231
SAMPLE TYPE: OIL
SAMPLE SHIP TIME (days): 5

COMPANY NAME :	EVEN KEEL MARINE SURVEY - BILL SH.
CUSTOMER EQUIP NUM :	SEARAY 310/STBD
COMPARTMENT NAME :	ENGINE MARINE
SERIAL NUMBER :	L677308
MANUFACTURER :	MERCRUISER
MODEL :	350HORIZON_MERCRUISER
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 :	

SOS SERVICES LABORATORY
100 QUARRY DRIVE
MILFORD, MA 01757
508-482-5700
oil_analysis@miltoncat.com

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
B420-51243-0034	26-Aug-2021	31-Aug-2021	1200 HR	20 HR	Unknown			Unknown

Monitor Compartment

THIS SAMPLE CAME BACK WITH 6.76% FUEL DILUTION. WEAR RATES APPEAR TO REMAIN NORMAL. FUEL DILUTION MAY BE DUE TO EXCESSIVE IDLING. AS A PRECAUTION, MONITOR FUEL LEVELS. ALL OTHER WEAR ELEMENT CONCENTRATIONS (PPM) APPEAR NORMAL. RESAMPLE AT THE NORMAL OIL DRAIN INTERVAL TO ESTABLISH A WEAR PATTERN.

Wear Metals (ppm)	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	B	Mo	Ni	Ag	Ti	Ca	Mg	Zn	P	Ba
B420-51243-0034	87	28	2	0	41	0	8	17	5	212	40	1	0	0	2393	28	1099	931	0

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	A	F	PFC	V100	PQI
B420-51243-0034	0	14	7	20	N	N	P	6.76	13.1	10

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