

NO EXTERNAL DIRT
LOOK TO MECHANICAL
FAILURE - PUMP -

WRONG SOMING,
~~etc etc etc~~

NOT LIKELY TO BE
EXTERNAL

ASK FOR PART

NAPA

Filters

OIL ANALYSIS REPORT

3121 PRESIDENTIAL DR.
ATLANTA, GA 30340
(800) 394-3669, FAX(770) 451-1500

CUSTOMER NO.: 146661
UNIT NO.: 00074
DESCRIPTION: PORT GASOLINE ENGINE
END USER: DEAN OWEN
DEAN OWEN CPA
END USER LOCATION: PADUCHA, KY 42003

MAKE:
MODEL 7.4L
OIL BRAND: NAPA
OIL TYPE: 40
SERIAL NO.: GEN6 MAIRME APP GM HIGH OUTPOT
FUEL TYPE: GASOLINE

NO. COPIES 3

SAMPLE DATA			SPECTROCHEMICAL ANALYSIS (ppm)																	PHYSICAL PROPERTIES								
LAB#	SAMPLE DATE RECEIPT DATE	TIME ON OIL TIME ON UNIT	IRON	CHROMIUM	LEAD	COPPER	TIN	ALUMINIUM	NICKEL	SILVER	SILICON	BORON	SODIUM	MAGNESIUM	CALCIUM	CADMIUM	PHOSPHORUS	ZINC	MOLYBDENUM	TANTALUM	VANADIUM	POTASSIUM	FUEL INDEX	VE @ 40 C cst	VE @ 100 C cst	WATER %VOL	SOOT/SOLIDS %wt	COOLANT
96751 ABNORMAL	08/22/2006 09/06/2006	1 1	72	1	9	15	44 A	55 A	0	0	37 A	23	19	14	2225	0	699	775	6	0	0	0	< 1	N/A	11.72	0	N/A	NO

LAB#	ADDITIONAL TESTS	GRAPHICAL ANALYSIS
96751	TAN 1.3	No History to Graph

Key
A: Abnormal C: Critical

LAB# ANALYSIS RECOMMENDATIONS
96751 SUSPECT DIRT FROM ASSEMBLY CONTAMINATION. THE ELEVATED WEAR METALS SHOULD BE CONSIDERED BREAK-IN MATERIAL. NO RECOMMENDED ACTION AT THIS TIME. RESAMPLE AT NORMAL INTERVALS.
RESULTS REPORTED BY FAX

NAPA
GASTONIA, NC 28053

ANALYST-GGD

***** FAX COPY *****
DEAN OWEN
DEAN OWEN CPA
PHONE # (270) 554-0720
FAX # (270) 554-3966

Some services are based on samples and information supplied by others, and some detection systems, if any, is necessarily taken by others, these services are rendered without any warranty or liability of any kind beyond the actual amount paid for the service.

FLUID ANALYSIS REPORT

9/1/2006

Send Analysis to:

NAME NOT ON FILE
O&M WATERSPORTS
79 E CLOUGH DR
KUTTAWA KY 42055

Customer Acct #: 040011
Serial Number: O&M WATERSPORTS
Equipment Number:
Model Number: MERCRAISER
Branch: 1
Oil Changed at
Sample Time: N
Manufacturer: C
Compartment: 1 - FRONT ENGINE

Overall Evaluation:

Lab #	Sample Date	Date Rec'd	Gallon Oil Added	Total Hours or Miles	Oil Hours or Miles	
15008	8/30/2006	8/31/2006	0	0	1	<i>Current</i>
						12 - INSUFFICIENT INFORMATION 15 - RESAMPLE TO VERIFY READOUT
						59 - WEAR IS HIGH FOR OIL HRS. 13 - NEED 3 SAMPLES TO FORM TREND
0			0	0	0	<i>Previous 1</i>
0			0	0	0	<i>Previous 2</i>
0			0	0	0	<i>Previous 3</i>
0			0	0	0	<i>Previous 4</i>
0			0	0	0	<i>Previous 5</i>
0			0	0	0	<i>Previous 6</i>

Oil Condition/Contaminants

Lab #	Wear Elements PPM										InfraRed			Partial Count							
	Cr	Si	Mo	Fe	Pb	Cu	Sn	Na	Al	Spot	Ox	Sul	Nit	10MML	15MML	A	F	W	TBN	Vis	SAE
15008	1	22	5	53	47	64	32	5	30	0	0	0	0	0.00	0.00	N	N	N	0.00	0.00	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00				0.00	0.00	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00				0.00	0.00	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00				0.00	0.00	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00				0.00	0.00	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00				0.00	0.00	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00				0.00	0.00	0

Al = Aluminum Mo = Molybdenum Sn = Tin A = Antifreeze Vis = Viscosity
Cr = Chrome Na = Sodium TBN = Total Base Number F = Fuel Ox = Oxidation
Cu = Copper Pb = Lead W = Water Sul = Sulphur Products
Fe = Iron Si = Silicon Nit = Nitration

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 part thereof.