

UNIT INFORMATION										PM SERVICE INFORMATION									
<b>Unit:</b> A51	<b>Cust No.:</b> Z09597	<b>Eng Make:</b> Yamaha								<b>Job Site:</b>									
<b>Equip Make:</b> Misc		<b>Eng Model:</b> 1250								<b>Oil Brand:</b> Mobil									
<b>Equip Model:</b> Unknown		<b>Eng Serial:</b>								<b>Oil Blend:</b> Mobil 1									
<b>Equip Serial:</b> Legends										<b>Oil Viscosity:</b> 10W40									
<b>Component:</b> Gas Engine										<b>PM:</b>									
<b>Evaluation / Recommendation (for sample taken on 6/11/2012 by Charles)</b> Note read: High heat application and use. Test results appear to indicate normal levels for this compartment. More data and samples are needed to form a good wear trend. Continue to monitor by sampling at the recommended interval.																			
Butler SOS Analyst Trice Butler																			



SAMPLE INFORMATION			ELEMENTAL ANALYSIS (parts per million)																						OIL CONDITION					
Date Taken	Hrs/Miles		Cu	Fe	Cr	Ni	Ti	V	Ag	Pb	Sn	Al	Si	Na	K	Mo	B	Ba	Ca	Mg	Mn	P	Sb	Zn	TAN	TBN	FTIR Analysis			
	On Unit	On Oil	Copper	Iron	Chrome	Nickel	Titan	Vanad	Silver	Lead	Tin	Alum	Silicon	Sodium	Potass	Moly	Boron	Barium	Calcium	Magnes	Mangan	Phosph	Antimon	Zinc	Acid	Base	Soot	Sulf	Oxid	Nitr
06-11-12			3	13	1	2	0	0	0	61	3	12	14	57	2	48	54	0	1208	416	0	749	0	858			0	17	11	6

OIL CHANGE HISTORY							PARTICLE COUNT (per 1 mL)								ISO	PVi	PQ	PHYSICAL			
Date Taken	Changed		Oil Added	Label Visc	Visc SAE	Visc cSt 100 C	>4u	>6u	>10u	>14u	>21u	>25u	>38u	>70u	ISO Code	Particle Volume	Ferrous Debris	Anti-Freeze	Fuel Dilution	Water	
	Oil	Filter																			
06-11-12	Yes	Yes	1 qt	10W40	40	14.5										0	14	N	N	N	

FYI - This sample took 2 days to reach the lab.

When Oil and Coolant sampling, remember to provide complete and accurate information on the Sample Labels. Also, note if you are looking for something specific.

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