



P.O. NUMBER CC: AmEx
CODE: 20/11261/113

UNIT NUMBER 4-RUNNER
REPORT DATE: 8/17/04
LAB NUMBER: C24974

OIL REPORT

CLIENT	CONTACT:	PHONE: (770) 231-9053
	NAME: STEVEN LANDY	FAX: (770) 886-8802
	ADDRESS: 5475 CHESTATEE LANDING WAY	E-MAIL: SLandy2996@aol.com
	GAINESVILLE, GA 30506	

UNIT	EQUIPMENT MAKE: Toyota	OIL USE INTERVAL: 3,118 Miles
	EQUIPMENT MODEL: 4.7L V-8	OIL TYPE & GRADE: Mobil 1 5W/30 (Gas)
	FUEL TYPE: Gasoline (Unleaded)	MAKE-UP OIL ADDED: 0 qts
	ADDITIONAL INFO:	

COMMENTS	STEVEN: No problems showed up in this sample. All wear read at a normal level for this type of engine, and we see nothing that would indicate any problems developing. Universal averages show normal wear after about 5,200 miles on the oil. Your oil was free of any harmful fuel dilution or anti-freeze and still appears to be in good shape. The TBN was strong at 8.0, so there is plenty of active additive left in the oil. Insolubles were low at 0.3% showing good oil filtration. At 27,854 total miles, we think this engine is doing very well.
-----------------	--

ELEMENTS IN PARTS PER MILLION	MI/HR ON OIL	3,118	UNIT / LOCATION AVERAGES							UNI VERSAL AVERAGES
	MI/HR ON UNIT	27,854								
	SAMPLE DATE	08/10/04								
	ALUMINUM	2	3							3
	CHROMIUM	0	0							0
	IRON	5	8							10
	COPPER	4	3							10
	LEAD	0	4							3
	TIN	0	0							1
	MOLYBDENUM	62	61							38
	NICKEL	0	0							0
	MANGANESE	0	0							1
	SILVER	0	0							0
	TITANIUM	0	0							0
	POTASSIUM	2	4							1
	BORON	145	130							60
	SILICON	12	10							11
	SODIUM	6	7							5
	CALCIUM	2855	2603							1697
	MAGNESIUM	13	55							441
	PHOSPHORUS	716	722							758
	ZINC	772	782							931
	BARIIUM	0	0							0

PROPERTIES	TEST	cST VISCOSITY @ 40 °C	SUS VISCOSITY @ 100 °F	VISCOSITY INDEX	cST VISCOSITY @ 100 °C	SUS VISCOSITY @ 210 °F	FLASHPOINT IN °F	FUEL %	ANTIFREEZE %	WATER %	INSOLUBLES %
	VALUES SHOULD BE					55-62	>365	<2.0	0	<0.1	<0.6
	TESTED VALUES WERE					59.3	400	<0.5	0.0	0.0	0.3