

Patient Name	Date Drawn	Date Received	Date of Report
Doe, Jane	12/27/03	12/29/03	12/30/03
Sex	Age	Physician Name/Address	I.D. Number
F	37	CONCOURSE MEDICAL YOUR DOCTOR, M.D. ANYWHERE, USA 000000	654534565
Account Number	Patient I.D./Soc. Sec. #	Time Drawn	Specimen Number
3443534	235463746	9:30AM	343477

TEST NAME	RESULT		UNITS	REFERENCE RANGE
	ABNORMAL	NORMAL		
CHEM-SCREEN PANEL				
GLUCOSE		87.0	MG/DL	65.0-125
SODIUM		140.0	MMOL/L	136-144
POTASSIUM		4.6	MMOL/L	3.60-5.10
CHLORIDE		106.0	MMOL/L	99.0-108
CARBON DIOXIDE		28.0	MMOL/L	21.7-30.7
BUN		9.00	MG/DL	8.00-24.00
CREATININE		0.90	MG/DL	0.70-1.30
BUN CREATININE RATIO		10.0		
URIC ACID		6.00	MG/DL	3.00-8.10
CALCIUM		9.60	MG/DL	8.90-10.3
MAGNESIUM		2.09	G/DL	1.50-2.50
CHOLESTEROL		215.0	MG/DL	120-233
CHOL. PERCENTILE	H 75.0		PERCENTILE	
TRIGLYCERIDES	H 230.0		MG/DL	50.0-200
PROTEIN, TOTAL		7.60	GM/DL	6.50-8.30
ALBUMIN		4.10	GM/DL	4.00-5.00
BILIRUBIN, TOTAL		0.41	MG/DL	0.20-1.50
BILIRUBIN, DIRECT		0.06	MG/DL	0.00-0.20
ALK PHOSPHATASE		69.0	UNITS/L	30.0-110
GGT		18.0	UNITS/L	5.00-80.0
AST (SGOT)	H 46.0		IU/L	5.00-43.0
ALT (SGPT)	H 65.0		IU/L	5.00-60.0
AMYLASE, SERUM		33.0	UNITS/	0.00-100
COMPLETE BLOOD COUNT (CBC)				
WHITE BLOOD CELL (WBC) COUNT		5.10	THOUS./CU.MM	4.00-11.0
RED BLOOD CELL (RBC) COUNT	L 3.88		MIL./CU.MM	4.20-5.40*
HEMOGLOBIN (HGB)		14.0	GM/DL	12.0-16.0*
HEMATOCRIT (HCT)		42.3	PERCENT	37.0-47.0*
MCV	H 109.0		FL	80.0-97.0
MCH	H 38.4		PG	27.5-33.5
MCHC		35.2	PERCENT	32.0-36.0
RDW		12.2	PERCENT	11.0-15.0
PLATELET COUNT, AUTO		243.0	THOUS./CU.MM	150-440
T-LYMPH SUBSETS				
CD4+ HELPER (36.0 PCT)		651	CU.MM	500-1500
CD8+ SUPPRESS (44.0 PCT)		796	CU.MM	150-1000
CD4/CD8 RATIO	L 0.81		RATIO	0.90-6.00
DIFFERENTIAL				
POLY (52.2 PCT)		2662	CU.MM	1650-8000
LYMPH (35.5 PCT)		1810	CU.MM	1000-3500
MONO (9.9 PCT)		504	CU.MM	40.0-900
EOS (1.9 PCT)		96	CU.MM	30.0-600
BASO (0.5 PCT)		25	CU.MM	0.00-125

*These reference ranges are for females.

The ranges for men are: RBC=4.7-6.10,HGB=140-18.0,HCT=42.0-52.0



OIL REPORT

LAB NUMBER: F06994

UNIT ID: 06 RX330

REPORT DATE: 6/15/2012

CLIENT ID: [REDACTED]

CODE: 44/501

PAYMENT: CC: Visa

UNIT	MAKE/MODEL:	Toyota 3.3L V-6 (3MZFE)	OIL TYPE & GRADE:	Mobil 1 5W/20
	FUEL TYPE:	Gasoline (Unleaded)	OIL USE INTERVAL:	4,641 Miles
	ADDITIONAL INFO:			

CLIENT	[REDACTED]	PHONE:	[REDACTED]
		FAX:	[REDACTED]
		ALT PHONE:	[REDACTED]
		EMAIL:	[REDACTED]

Everything looks much better in this second sample from your RX330's V-6 engine. Most every wear metal read at or below average after the 4,641-mile oil change interval, with lead being the only metal reading far enough out of line to highlight. Since lead showed some improvement, we'll just watch it in anticipation of seeing even closer to average lead during the next oil run. Silicon and sodium read normally, leaving no evidence of any coolant contamination in the 5W/20 oil. The TBN was 1.9. Go ahead and run this oil 6,500 miles. Lead shouldn't increase.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil		UNIT / LOCATION		UNIVERSAL AVERAGES	
	4,641		5,880			
	47,224		11/12/11			
	06/14/12		11/12/11			
Make Up Oil Added	0 qts		0 qts			
ALUMINUM	4	5	6			3
CHROMIUM	0	0	0			0
IRON	6	10	13			8
COPPER	1	1	1			1
LEAD	6	8	9			2
TIN	0	0	0			1
MOLYBDENUM	79	88	96			79
NICKEL	0	0	0			0
MANGANESE	0	1	1			0
SILVER	0	0	0			0
TITANIUM	0	0	0			0
POTASSIUM	1	3	4			3
BORON	39	47	55			39
SILICON	23	27	31			20
SODIUM	11	31	50			37
CALCIUM	1301	1869	2437			2124
MAGNESIUM	646	330	13			71
PHOSPHORUS	689	716	742			658
ZINC	770	816	862			785
BARIUM	0	1	1			0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	51.1	48-57	52.6			
	cSt Viscosity @ 100°C	7.62	6.7-9.7	8.05			
	Flashpoint in °F	400	>355	380			
	Fuel %	<0.5	<2.0	<0.5			
	Antifreeze %	0.0	0.0	?			
	Water %	0.0	0.0	0.0			
	Insolubles %	0.2	<0.6	0.2			
	TBN	1.9	>1.0	2.8			
	ITAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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