



P.O. NUMBER: Prepaid
CODE: 1/20050/37

UNIT NUMBER: 96 LANDCRUS
REPORT DATE: 1/13/06
LAB NUMBER: C64205

OIL REPORT

CLIENT	CONTACT:	PHONE:
	NAME: SCOTT T.	FAX:
	ADDRESS:	E-MAIL:
	SANTA CLARA, CA	

UNIT	EQUIPMENT MAKE: Toyota	OIL USE INTERVAL: 2,500 Miles
	EQUIPMENT MODEL: 4.5L 6-cyl (1FZFE)	OIL TYPE & GRADE: Chevron Supreme 10W/30
	FUEL TYPE: Gasoline (Unleaded)	MAKE-UP OIL ADDED: 0 qts
	ADDITIONAL INFO:	

COMMENTS	SCOTT: We can tell that you take very good care of your 1996 Land Cruiser just by looking at the engine wear. The short change intervals keep the engine's wear metals reading very close to universal averages (which are based on a 5,000-mile oil run) for this type of engine. You can also see the difference in the new oil brand, which contains a lot of moly. Silicon was high at 16 ppm and may indicate some excess dirt getting past the air filter so you might want to check it. The viscosity was in the SAE 20W range but it didn't hurt anything. Nice engine! Check back.

ELEMENTS IN PARTS PER MILLION	MI/HR ON OIL	2,500	UNIT / LOCATION AVERAGES	2,800					
	MI/HR ON UNIT	95,300		92,800					UNIVERSAL AVERAGES
	SAMPLE DATE	12/12/05		07/30/05					
ALUMINUM	1	1	1						2
CHROMIUM	0	0	0						0
IRON	2	2	2						6
COPPER	4	3	2						3
LEAD	2	2	2						2
TIN	2	2	1						1
MOLYBDENUM	374	204	33						61
NICKEL	0	0	0						0
MANGANESE	0	0	0						0
SILVER	1	1	0						0
TITANIUM	0	0	0						0
POTASSIUM	2	1	0						1
BORON	39	82	125						52
SILICON	16	13	9						10
SODIUM	3	3	2						4
CALCIUM	1814	1796	1777						2426
MAGNESIUM	8	8	7						65
PHOSPHORUS	666	592	517						824
ZINC	798	718	638						995
BARIUM	1	1	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					59-65	>375	<2.0	0	<0.1	<0.6
	TESTED VALUES WERE					56.4	390	<0.5	0.0	0.0	0.3