P.O. NUMBER
CODE:

UNIT NUMBER
REPORT DATE:
LAB NUMBER:

OIL REPORT

CLIENT

CONTACT:
NAME: WINSTON
ADDRESS:

PHONE:
FAX:
E-MAIL:

UNIT

EQUIPMENT MAKE: Toyota
EQUIPMENT MODEL: 1.5L (1NZFXE) 4-cyl
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL USE INTERVAL: 2,272 Miles
OIL TYPE & GRADE: Gasoline Engine Oil
MAKE-UP OIL ADDED: 0 qts

COMMENTS

WINSTON: We didn't find anything in this sample that shouldn't be there. In fact, we usually find a lot more factory "crud" than we found in your sample. Copper read above average due to break-in of new brass/bronze parts, while silicon is from sealers and sand-casted parts. Universal averages show typical wear metals for an oil from this type engine after about 6,700 miles oil use. We expect your engine will look that good or better in two or three more oil changes. No fuel or anti-freeze present. Check back to find improvements in wear and establish wear trends.

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR ON OIL	2,272							
MI/HR ON UNIT	2,272							
SAMPLE DATE	06/30/07							
ALUMINUM	4	4						3
CHROMIUM	0	0						0
IRON	6	6						8
COPPER	**54**	54						1
LEAD	1	1						0
TIN	0	0						0
MOLYBDENUM	55	55						71
NICKEL	0	0						0
MANGANESE	1	1						1
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	3	3						1
BORON	2	2						57
SILICON	**102**	102						14
SODIUM	2	2						7
CALCIUM	1327	1327						2313
MAGNESIUM	6	6						30
PHOSPHORUS	480	480						627
ZINC	576	576						728
BARIUM	2	2						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						>365	<2.0	0.0	<0.1	<0.6
TESTED VALUES WERE					54.8	375	<0.5	0.0	0.0	0.2

LIABILITY LIMITED TO COST OF SAMPLE ANALYSIS

416 EAST PETTIT AVE
FORT WAYNE, IN 46806 (260) 744-2380