



P.O. NUMBER CC: Visa
 CODE: 1/12280/37

UNIT NUMBER 1-DIRTY
 REPORT DATE: 3/14/03
 LAB NUMBER: B90996

OIL REPORT

CLIENT	CONTACT:	PHONE:
	NAME:	FAX:
	ADDRESS:	E-MAIL:

UNIT	EQUIPMENT MAKE: Transmission	OIL USE INTERVAL:
	EQUIPMENT MODEL: Audi Automatic	OIL TYPE & GRADE: Auto Transmission Fluid
	FUEL TYPE: Not Applicable	MAKE-UP OIL ADDED:
	ADDITIONAL INFO: Audi A6 2.8L	

COMMENTS
 JAMES: This is an interesting comparison. If you look at the next report (the clean sample), you can see where this ATF started out. Very clean, no metals. This used sample is abrasive enough that we recommend changing it out. We don't necessarily think your transmission has a problem (though we can't rule that out). Without knowing how long this oil has been in place, we can't say for sure what's going on. Metals and insolubles show the oil is oxidized and abrasive and should be changed out. Suggest resampling in 20,000 miles on fresh oil.

ELEMENTS IN PARTS PER MILLION	MI/HR ON OIL		UNIT / LOCATION AVERAGES								UNIVERSAL AVERAGES
	MI/HR ON UNIT										
	SAMPLE DATE	03/02/03									
ALUMINUM	70	35									6
CHROMIUM	0	0									0
IRON	136	68									32
COPPER	78	39									32
LEAD	17	9									9
TIN	7	4									2
MOLYBDENUM	0	0									0
NICKEL	0	0									0
MANGANESE	8	4									0
SILVER	0	0									0
TITANIUM	0	0									0
POTASSIUM	3	2									0
BORON	92	106									103
SILICON	8	5									4
SODIUM	4	2									1
CALCIUM	32	30									18
MAGNESIUM	1	1									1
PHOSPHORUS	248	252									221
ZINC	6	4									3
BARIUM	2	1									1

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					43-51	>355				<0.05	<0.1
	TESTED VALUES WERE					47.4	410		-	-	0.0	0.5