

1101 SUSQUEHANNA AVE.
SUPERIOR, WI 54880
(715) 395-0222, FAX (715) 392-3097

DESCRIPTION: GASOLINE ENGINE
END USER: ROBERT STEAGALL
END USER LOCATION: SAN DIMAS, CA

MAKE: TOYOTA
MODEL: 4RUNNER 4.0L
OIL BRAND: AMSOIL
OIL TYPE: ATM 10W30
FUEL TYPE: GASOLINE

NO. COPIES 1

SAMPLE DATA			SPECTROCHEMICAL ANALYSIS (ppm)																	PHYSICAL PROPERTIES								
LAB#	SAMPLE DATE RECEIPT DATE	TIME ON OIL TIME ON UNIT	IRON	CHROMIUM	LEAD	COPPER	TIN	ALUMINUM	NICKEL	SILVER	SILICON	BORON	SODIUM	MAGNESIUM	CALCIUM	BARIUM	PHOSPHORUS	ZINC	MOLYBDENUM	TITANIUM	VANADIUM	POTASSIUM	FUEL (%VOL)	VIS @ 40 C cSt	VIS @ 100 C cSt	WATER (%VOL)	SOOT/SOLIDS (%WT)	COOLANT
43702 NORMAL	02/08/2008 03/10/2008	4259 184767	3	0	1	4	0	3	0	0	25	193	17	21	3579	0	895	1022	56	0	0	0	< 1	N/A	9.64	0	N/A	NO
187847 ABNORMAL	09/15/2007 09/25/2007	5092 180508	6	0	0	9	0	4	0	0	20	108	34	16	2483	0	745	902	43	0	0	0	< 1	N/A	9.74	0	N/A	NO

LAB#	ADDITIONAL TESTS					GRAPHICAL ANALYSIS				
	TBN	OXID	NITR	CHANGE		Iron	Copper	Lead	Aluminum	Silicon
43702	5.24	44.0	24.0	NO		5.24	4.0	0.0	3.2	18
187847	2.33 A	N/A	N/A	YES		2.33	9.0	0.0	2.4	24

Hours/Miles : 180508, 184767

Key
A: Abnormal C: Critical

ACCTS PAYABLE OR KATHY BERRY
AMSOIL INC: CLEVELAND
SUPERIOR, WI 54880

LAB# ANALYSIS RECOMMENDATIONS

43702
NO CORRECTIVE ACTION REQUIRED, OIL IS SUITABLE FOR CONTINUED USE. RESAMPLE AT NEXT REGULAR INTERVAL.
ANALYST-EBD

187847
TOTAL BASE NUMBER (TBN) IS LOW. RECOMMEND CHANGE LUBE OIL AND LUBE OIL FILTER, IF NOT ALREADY DONE. ***RESULTS REPORTED BY FAX***
ANALYST-JJL