



# OIL REPORT

LAB NUMBER: J48231  
 REPORT DATE: 7/25/2017  
 CODE: 44/685

UNIT ID: 17 TUNDRA  
 CLIENT ID: 112218  
 PAYMENT: CC: Visa

<b>UNIT</b>	MAKE/MODEL: Toyota 5.7L (3URFBE)	OIL TYPE & GRADE: Amsoil Signature Series 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 10,527 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	DANIEL ANDERSON	PHONE: (619) 307-2333
	2275 PEPPERMINT LANE	FAX:
	LEMON GROVE, CA 91945	ALT PHONE:
		EMAIL: thedanielanderson@gmail.com

**COMMENTS**  
 DANIEL: No need to worry about the excess copper and silicon present in your sample. Those are common finds in the first few fills from a new engine - just some wear-in that hasn't fully washed out yet. Copper is from brass/bronze components while silicon is from sealers/gaskets being washed into the oil. Other metals also might come down a little, but are already fine at these levels. The slightly high viscosity isn't a problem, and the TBN of 2.3 shows additive left since 1.0 is low. If it's okay with Toyota's warranty, feel free to go up to 12,000 miles next time.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	10,527	<b>UNIT / LOCATION AVERAGES</b>					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	10,802						
	Sample Date	7/4/2017						
	Make Up Oil Added	0 qts						
ALUMINUM	5						3	
CHROMIUM	0						0	
IRON	19						8	
COPPER	<b>33</b>						2	
LEAD	0						0	
TIN	0						1	
MOLYBDENUM	111						59	
NICKEL	1						0	
MANGANESE	244						0	
SILVER	0						0	
TITANIUM	6						4	
POTASSIUM	3						2	
BORON	24						30	
SILICON	<b>60</b>						14	
SODIUM	60						26	
CALCIUM	2222						1816	
MAGNESIUM	10						432	
PHOSPHORUS	472						733	
ZINC	565						880	
BARIUM	1						0	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	60.7	46-57				
	cSt Viscosity @ 100°C	10.41	6.0-9.7				
	Flashpoint in °F	420	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.2	<0.6				
	TBN	2.3	>1.0				
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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