



OIL REPORT

LAB NUMBER:
 REPORT DATE: 5/31/2018
 CODE: 20/32

UNIT ID: 08 TUNDRA
 CLIENT ID:
 PAYMENT: Prepaid

UNIT	MAKE/MODEL: Toyota 5.7L V-8 (3URFE)	OIL TYPE & GRADE: 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,500 Miles
	ADDITIONAL INFO:	

CLIENT	
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COMMENTS Your sampling technique worked out just fine. There wasn't any sort of harmful contamination in the oil (and that's our biggest concern with a cold sample). You weren't sure if this is 0W/20 or 5W/20 grade oil and this viscosity would fit into either. We only measure the high temp viscosity or the "20" part of that multi-grade. In any case, this oil did a fine job. Wear metals from your engine look great next to universal averages, which show typical wear levels for the 3URFE engine after about 6,600 miles on the oil. No obvious mechanical concerns to address here.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,500	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	124,428						
	Sample Date	5/15/2018						
	Make Up Oil Added	0 qts						
ALUMINUM	4	4					3	
CHROMIUM	0	0					0	
IRON	7	7					9	
COPPER	0	0					3	
LEAD	0	0					0	
TIN	0	0					0	
MOLYBDENUM	58	58					94	
NICKEL	0	0					0	
MANGANESE	0	0					0	
SILVER	0	0					0	
TITANIUM	0	0					2	
POTASSIUM	1	1					2	
BORON	62	62					43	
SILICON	13	13					17	
SODIUM	15	15					43	
CALCIUM	1543	1543					1872	
MAGNESIUM	17	17					314	
PHOSPHORUS	642	642					671	
ZINC	670	670					778	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°	53.1	46-56				
	cSt Viscosity @ 100°C	8.22	6.0-9.4				
Flashpoint in °F	395	>385					
Fuel %	<0.5	<2.0					
Antifreeze %	0.0	0.0					
Water %	0.0	0.0					
Insolubles %	0.2	<0.6					
TBN							
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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