



OIL REPORT

LAB NUMBER: L74470

UNIT ID: 16 SEDONA

REPORT DATE: 11/8/2019

CLIENT ID: 95673

CODE: 20/32

PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Kia 3.3L V-6	OIL TYPE & GRADE: Super Tech Synthetic 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 6,500 Miles
	ADDITIONAL INFO:	

CLIENT	JOSHUA DOWNS	PHONE: (940) 452-1721
	1990 COUNTY RD 1032	FAX:
	GREENVILLE, TX 75401	ALT PHONE:
		EMAIL: joshua.d.downs@gmail.com

COMMENTS JOSHUA: Thanks for the notes. It never hurts to change the oil a little sooner. That's certainly better than letting it go too long. Wear metals are lower, just as we'd expect after using a shorter interval. Silver is still twice the average value so it's still in the highlight range, but just barely this time. If it drops another ppm or two, we'll be able to remove the highlight. The viscosity read in the proper range for 5W/30 oil, and the 0.5% fuel isn't cautionary. Small amounts of fuel are from normal use like the city driving you noted or maybe cold sampling. Looking good!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	6,500	UNIT / LOCATION AVERAGES	7,529				UNIVERSAL AVERAGES
	MI/HR on Unit	88,465		67,529				
	Sample Date	10/20/2019		4/12/2019				
	Make Up Oil Added	0 qts		0 qts				
ALUMINUM	2	3	4				5	
CHROMIUM	0	0	0				0	
IRON	3	5	6				11	
COPPER	2	2	1				4	
LEAD	0	0	0				0	
TIN	0	0	0				0	
MOLYBDENUM	68	63	57				84	
NICKEL	0	0	0				0	
MANGANESE	0	0	0				0	
SILVER	4	5	6				2	
TITANIUM	0	1	1				2	
POTASSIUM	1	1	1				2	
BORON	35	25	14				40	
SILICON	14	11	7				13	
SODIUM	5	6	7				24	
CALCIUM	1170	1093	1015				1437	
MAGNESIUM	511	475	439				418	
PHOSPHORUS	704	664	623				646	
ZINC	739	703	667				742	
BARIUM	0	0	0				0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	57.6	56-63	50.1			
	cSt Viscosity @ 100°C	9.53	9.1-11.3	7.29			
	Flashpoint in °F	365	>375	365			
	Fuel %	0.5	<2.0	1.0			
	Antifreeze %	0.0	0.0	0.0			
	Water %	0.0	<0.1	0.0			
	Insolubles %	0.2	<0.6	0.2			
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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