



OIL REPORT

LAB NUMBER: P11965 UNIT ID: 16 SEDONA
 REPORT DATE: 11/24/2021 CLIENT ID: 95673
 CODE: 20/68 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: 7,000 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, jeepinbanditriders@gmail.com

COMMENTS
 JOSHUA: This is an amended report to include sample information. It's good to hear from your Sedona again. The last 7,000 miles of oil use didn't bring about any worrisome change in the wear profile. Instead, metals are stable or show the slight decreases that show healthy wear after a shorter oil run. Fuel showed up again, but it's another mild amount that didn't cause trouble. Note the normal viscosity. Low insolubles show the oil filter wasn't used up and combustion was good during the oil run. You're taking good care of this V6.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	7,000	UNIT / LOCATION AVERAGES	10,000	8,500	6,500	7,529	UNIVERSAL AVERAGES
	MI/HR on Unit	146,682		130,792	105,330	88,465	67,529	
	Sample Date	11/7/2021		4/30/2021	5/1/2020	10/20/2019	4/12/2019	
	Make Up Oil Added	0 qts		0 qts	0 qts	0 qts	0 qts	
ALUMINUM	3	3	4	3	2	4	5	
CHROMIUM	0	0	0	0	0	0	0	
IRON	4	6	6	7	3	6	11	
COPPER	1	2	1	2	2	1	3	
LEAD	0	0	0	0	0	0	0	
TIN	0	1	1	1	0	0	0	
MOLYBDENUM	72	67	71	71	68	57	84	
NICKEL	0	0	0	0	0	0	0	
MANGANESE	0	0	0	0	0	0	0	
SILVER	1	4	2	4	4	6	2	
TITANIUM	0	0	0	0	0	1	3	
POTASSIUM	0	1	0	2	1	1	1	
BORON	34	31	42	33	35	14	47	
SILICON	15	12	14	12	14	7	13	
SODIUM	5	6	5	7	5	7	18	
CALCIUM	1252	1158	1198	1249	1170	1015	1325	
MAGNESIUM	544	502	527	532	511	439	497	
PHOSPHORUS	704	676	675	702	704	623	654	
ZINC	772	731	743	776	739	667	746	
BARIUM	0	0	0	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	56.6	56-63	56.7	55.7	57.6	50.1
	cSt Viscosity @ 100°C	9.24	9.1-11.3	9.27	8.98	9.53	7.29
	Flashpoint in °F	375	>385	370	400	365	365
	Fuel %	0.5	<2.0	TR	<0.5	0.5	1.0
	Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0
	Water %	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.2	<0.6	0.3	0.2	0.2	0.2
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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