OIL REPORT

LAB NUMBER: L15064 **UNIT ID:** 16 SEDONA
REPORT DATE: 5/6/2019 **CLIENT ID:** 95673
CODE: 20/32 **PAYMENT:** CC: Visa

UNIT

MAKE/MODEL: Kia 3.3L V-6
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: 5W/30
OIL USE INTERVAL: 7,529 Miles

CLIENT

JOSHUA DOWNS
1990 COUNTY RD 1032
GREENVILLE, TX 75401

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COMMENTS

JOSHUA: We'd say you picked up a nice Kia. Typical wear metals are all at low levels compared to universal averages, which are actually based on a shorter run of about 5,800 miles. Silver is on the higher side at 6 ppm. That can show bearing wear in some engines, but we've never tied it to a problem in a 3.3L Kia. Might be solder material or something similar. Viscosity is more in the 5W/20 range, maybe thinned down some by fuel. But 1.0% fuel dilution isn't harmful, and probably came from idling or sampling a cold engine. Good first report. Check in at the next oil change for trends.

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	7,529							
MI/HR on Unit	67,529							
Sample Date	4/12/2019							
Make Up Oil Added	0 qts							
ALUMINUM	4	4						5
CHROMIUM	0	0						0
IRON	6	6						11
COPPER	1	1						4
LEAD	0	0						0
TIN	0	0						0
MOLYBDENUM	57	57						83
NICKEL	0	0						0
MANGANESE	0	0						0
SILVER	**6**	6						2
TITANIUM	1	1						1
POTASSIUM	1	1						2
BORON	14	14						36
SILICON	7	7						13
SODIUM	7	7						27
CALCIUM	1015	1015						1501
MAGNESIUM	439	439						366
PHOSPHORUS	623	623						649
ZINC	667	667						746
BARIUM	0	0						0

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	**50.1**	56-63					
cSt Viscosity @ 100°C	**7.29**	9.1-11.3					
Flashpoint in °F	**365**	>385					
Fuel %	1.0	<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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