



OIL REPORT

LAB NUMBER: L85082

UNIT ID: 06 VENTURA

REPORT DATE: 12/16/2019

CLIENT ID: 109606

CODE: 20/32

PAYMENT: CC: Visa

UNIT

MAKE/MODEL: Cat C-9

FUEL TYPE: Diesel

ADDITIONAL INFO: Beaver Monterey Motor home

OIL TYPE & GRADE: Synthetic 5W/40

OIL USE INTERVAL: 2,000 Miles

CLIENTRICHARD DAVIS
1326 N ATLANTA AVE
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FAX:
ALT PHONE:
EMAIL: hex_nut@yahoo.com**COMMENTS**

RICHARD: It looks like we were tracking "years" in the past, but you switched to miles, and that's fine. Miles is a better representation of how much this oil was used, so if you'd like us to plug in the mileage for the previous samples, just let us know. Universal averages show typical wear after ~7,600 miles on the oil. You went 2,000 miles on this oil and wear metals look good. There's no sign of poor wear in these numbers, and the only contaminant was a trace of fuel. Small amounts of fuel are harmless and from normal use. The viscosity was fine. Nice report at 68,000 miles!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	2,000	UNIT / LOCATION AVERAGES	1	1				
	MI/HR on Unit	68,000		66,000					
	Sample Date	11/25/2019		11/16/2018	10/6/2017				
	Make Up Oil Added	0 qts		0 qts	0 qts				
	ALUMINUM	3		5	4	7			4
	CHROMIUM	0		0	0	1			0
	IRON	6		11	10	16			16
	COPPER	1		1	1	2			3
	LEAD	0		0	0	1			1
UNIVERSAL AVERAGES	TIN	0	0	0	1				1
	MOLYBDENUM	38	51	67	47				32
	NICKEL	0	0	0	0				0
	MANGANESE	0	0	0	0				0
	SILVER	0	0	0	0				0
	TITANIUM	0	0	0	0				2
	POTASSIUM	4	10	8	18				4
	BORON	109	85	144	3				77
	SILICON	3	3	3	3				6
	SODIUM	4	5	5	5				5
	CALCIUM	1045	1236	1229	1434				2035
	MAGNESIUM	825	888	850	990				357
	PHOSPHORUS	1077	1154	1197	1189				1055
	ZINC	1179	1320	1339	1441				1220
	BARIUM	0	0	0	0				0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	68.7	66-78	67.8	72.2			
	cSt Viscosity @ 100°C	12.62	11.9-15.3	12.38	13.52			
	Flashpoint in °F	410	>410	435	425			
	Fuel %	TR	<2.0	<0.5	<0.5			
	Antifreeze %	0.0	0.0	0.0	?			
	Water %	0.0	<0.1	0.0	0.0			
	Insolubles %	0.2	<0.6	0.2	0.3			
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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