



# OIL REPORT

LAB NUMBER: M25630

UNIT ID: HARRYS 403

REPORT DATE: 5/15/2020

CLIENT ID: 142250

CODE: 96/68

PAYMENT: Prepaid

<b>UNIT</b>	MAKE/MODEL: Oldsmobile 403 CID V-8	OIL TYPE & GRADE: Valvoline VR1 20W/50
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,327 Miles
	ADDITIONAL INFO: 1978 GMC Motorhome	

<b>CLIENT</b>	RUSSELL KEITH	PHONE: (727) 742-4818
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**COMMENTS** RUSSELL: This is a good second report, overall. Iron and lead ticked up a few ppm, but both are still well within average range, so it's not like that shows a problem. The other wear metals look good, so we're not seeing anything to make us concerned about the oil-sharing parts. The only thing out of line was the viscosity. It was pretty thick for 20W/50, but it didn't correspond with any extra wear and is just something to note. The oil was free of any contamination from fuel or coolant, and low insolubles mean the oil filter did its job keeping out oxidized solids. Nice report!

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	2,327	<b>UNIT / LOCATION AVERAGES</b>	2,086				<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit							
	Sample Date	5/2/2020		4/20/2019				
	Make Up Oil Added	0 qts		0.5 qts				
ALUMINUM	5	5	4					8
CHROMIUM	1	1	1					2
IRON	22	19	16					41
COPPER	14	13	12					12
LEAD	27	24	21					27
TIN	0	0	0					1
MOLYBDENUM	65	58	51					78
NICKEL	0	0	0					0
MANGANESE	1	1	0					1
SILVER	0	0	0					0
TITANIUM	32	29	26					2
POTASSIUM	3	3	3					5
BORON	65	74	82					89
SILICON	10	8	5					12
SODIUM	88	112	136					31
CALCIUM	1475	1486	1496					1784
MAGNESIUM	890	790	690					702
PHOSPHORUS	1270	1236	1201					1029
ZINC	1535	1464	1392					1266
BARIUM	0	0	0					0

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	103.1	77-94	98.7			
	cSt Viscosity @ 100°C	21.09	14.8-19.2	20.06			
	Flashpoint in °F	425	>385	465			
	Fuel %	<0.5	<2.0	<0.5			
	Antifreeze %	0.0	0.0	0.0			
	Water %	0.0	0.0	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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