

## Report of the Month

This oil is at least 50 years old. It's running in Ryan's 1984 Chevy V8. What do you think?

To learn more about where the elements are coming from, [click here](#).

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	1,819	UNIT/ LOCATION AVERAGES	808	388	925	687	UNIVERSAL AVERAGES
	MI/HR on Unit	190,244		189,233	188,813	188,425	187,500	
	Sample Date	10/4/13		05/02/13	11/08/12	08/04/12	09/20/11	
	ALUMINUM	3		4	3	1	3	
	CHROME	2	2	1	1	1	1	2
	IRON	33	29	14	9	15	13	34
	COPPER	4	5	3	2	3	3	11
	LEAD	14	18	7	5	15	13	12
	TIN	6	3	6	6	5	4	2
	MO LYBDENUM	10	80	7	4	12	37	56
	NICKEL	0	0	0	0	0	0	1
	PO TASSIUM	2	0	0	0	1	0	9
	BORON	6	25	8	13	23	197	44
	SILICON	10	12	5	5	15	24	21
	SODIUM	40	12	41	41	279	1	38
	CALCIUM	256	1121	258	283	1774	1910	1999
	MAGNESIUM	3	97	1	3	9	8	218
	PHOSPHORUS	327	538	343	342	689	643	790
	ZINC	250	618	245	256	852	723	944
	BARIUM	282	34	282	282	0	0	1

Values  
Should Be\*

PROPERTIES	SUS Viscosity @210°F	52.1	52-60	51.7	52.3	55.6	55.0
	cSt Viscosity @ 100°C	7.91	7.9-10.5	7.80	7.97	8.96	8.76
	Flashpoint in °F	405	>400	425	420	420	405
	Fuel %	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5
	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 %	0.3	<0.6	0.3	0.3	0.2	0.3
	TBN	0.2	>1.0				
	TAN	1.8					
	ISO Code						

\*THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

Quite frankly, we are impressed with these results. GM's 350 V8 engine tends to make a fair amount of metal, as you can see in the universal averages column, and Ryan's wear looks just fine compared to averages. Keep in mind that this oil only has 1,819 miles on it and averages are based on ~3,400 miles, but Ryan's truck is actually wearing better on this oil than it was back in 2011 and 2012. Those samples were run less than a thousand miles, so on a per-mile basis wear is better now than ever before. Maybe that's due to more frequent use, or maybe the truck really likes Renuzit. Hard to say, but we can tell you one thing for sure: old oil didn't hurt a thing here!