



OIL REPORT

LAB NUMBER: K79720 UNIT ID: 10 G37
 REPORT DATE: 12/20/2018 CLIENT ID: 122828
 CODE: 44/685 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Nissan 3.7L V-6 (VQ37VHR)	OIL TYPE & GRADE: Mobil 1 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,893 Miles
	ADDITIONAL INFO: PPV36, KV36	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS DAVE: We assume this sample is from the same G37 you tested in the past. If not, let us know and we'll update this report. Wear metals look great after 2,893 miles of oil use. One could say metals could be lower since this oil was in place for a much shorter interval than before, but these numbers are just fine for a 2,893-mile interval. The oil was in great shape (physically) and free of contamination. The TBN was strong at 7.4 - lots of active additive left in the oil. Feel free to keep using 0W/40 if you like it better than 5W/30. It's working well. Try up to 7,000 miles next. Nice!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	2,893	UNIT / LOCATION AVERAGES	6,188	6,300	UNIVERSAL AVERAGES
	MI/HR on Unit	109,492			99,000	
	Sample Date	11/11/2018		6/8/2018	3/3/2018	
	Make Up Oil Added	0 qts			1 qt	
ALUMINUM	3	4	4	6	5	
CHROMIUM	0	0	0	0	0	
IRON	7	7	8	6	12	
COPPER	2	3	3	3	8	
LEAD	1	2	2	2	4	
TIN	0	0	0	0	1	
MOLYBDENUM	1	53	81	78	157	
NICKEL	0	0	0	0	0	
MANGANESE	0	0	0	0	1	
SILVER	0	0	0	0	0	
TITANIUM	52	26	4	23	2	
POTASSIUM	0	1	3	1	2	
BORON	60	154	209	193	53	
SILICON	14	20	28	17	20	
SODIUM	7	10	11	11	30	
CALCIUM	2824	2647	3023	2095	2022	
MAGNESIUM	15	15	18	11	248	
PHOSPHORUS	994	903	962	753	769	
ZINC	1087	951	996	769	887	
BARIUM	0	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	69.7	63-76	64.4	58.5
	cSt Viscosity @ 100°C	12.87	11.1-14.8	11.45	9.80
	Flashpoint in °F	430	>375	440	405
	Fuel %	<0.5	<2.0	<0.5	<0.5
	Antifreeze %	0.0	0.0	0.0	0.0
	Water %	0.0	0.0	0.0	0.0
	Insolubles %	0.2	<0.6	0.2	0.3
	TBN	7.4	>1.0		
	TAN				
	ISO Code				

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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