



# OIL REPORT

LAB NUMBER: E12726

UNIT ID: NISSAN PICKUP

REPORT DATE: 5/13/2010

CLIENT ID: 41026

CODE: 20/284

PAYMENT: Prepaid

<b>UNIT</b>	MAKE/MODEL: Nissan 2.4L 4-cyl	OIL TYPE & GRADE: Chevron 10W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,204 Miles
	ADDITIONAL INFO: Nissan D21 Pickup	

<b>CLIENT</b>	RICHARD BESSEY	PHONE:
	133 WINNEBAGO	FAX:
	WALLA WALLA, WA 99362	ALT PHONE:
		EMAIL: richard@richardbessey.com

**COMMENTS** RICHARD: Thanks for the note--we're sorry to hear the engine smokes after a short idle. That's worrisome. We don't really see anything here that would be a clear explanation for that. Ring wear (see chrome) is 0 ppm, just as it should be. The other metals are low too, all reading around average for this type of Nissan engine. Universal averages show typical wear levels for this type of engine after about 4500 miles on the oil. Fuel read 0.8% and we do not consider this to be a problem level. Insolubles = good oil filtration. No coolant or water found. Try 3K miles to monitor.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	5,204	<b>UNIT / LOCATION AVERAGES</b>					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	186,969						
	Sample Date	05/01/10						
	Make Up Oil Added	1.5 qt						
ALUMINUM	3	3					3	
CHROMIUM	0	0					0	
IRON	12	12					9	
COPPER	1	1					4	
LEAD	3	3					6	
TIN	0	0					1	
MOLYBDENUM	175	175					61	
NICKEL	1	1					0	
MANGANESE	0	0					1	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	2	2					5	
BORON	38	38					36	
SILICON	5	5					10	
SODIUM	4	4					25	
CALCIUM	1862	1862					2197	
MAGNESIUM	22	22					113	
PHOSPHORUS	762	762					755	
ZINC	960	960					901	
BARIUM	0	0					0	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	55.1	59-68				
	cSt Viscosity @ 100°C	8.80	9.9-12.7				
	Flashpoint in °F	350	>365				
	Fuel %	0.8	<1.0				
	Antifreeze %	0.0	0				
	Water %	0.0	<0.1				
	Insolubles %	0.3	<0.6				
	TBN						
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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