



OIL REPORT

LAB NUMBER: D28417

UNIT ID: 52 L-134

REPORT DATE: 1/16/2008

CLIENT ID: 29639

CODE: 20/284

PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Willy's Jeep L-134	OIL TYPE & GRADE: 10W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: Miles
	ADDITIONAL INFO: 1952	

CLIENT	BOB WESTERMAN	PHONE: (845) 791-7332
	168 SOUTH LAKE ROAD	FAX:
	ROCK HILL, NY 12775	ALT PHONE:
		EMAIL: 52cj3a@gmail.com

COMMENTS	BOB: Without knowing how many miles are on the oil and engine we are limited in what we can tell you. Nothing was high enough to point to an obvious mechanical problem. The high lead is likely from leaded fuel used in the past. We found quite a bit of fuel, present at 3.5%, which may indicate a fuel system problem developing. The fuel lowered the viscosity of the sample slightly but we doubt that it's a problem. No other harmful contaminants were found. Due to the fuel dilution we suggest changing this oil and resampling in ~500-1,000 miles to monitor.
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit								
	Sample Date	01/15/08							
	Make Up Oil Added	1.5 qts							
	ALUMINUM	2	2						3
	CHROMIUM	0	0						1
	IRON	18	18						26
	COPPER	7	7						5
	LEAD	107	107						20
	TIN	1	1						0
	MOLYBDENUM	39	39						42
	NICKEL	0	0						1
	MANGANESE	1	1						0
	SILVER	0	0						0
	TITANIUM	0	0						0
	POTASSIUM	3	3						1
	BORON	43	43						12
	SILICON	5	5						11
	SODIUM	6	6						8
	CALCIUM	2297	2297						2381
	MAGNESIUM	410	410						95
	PHOSPHORUS	1187	1187						901
	ZINC	1449	1449						1102
	BARIUM	9	9						2

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	63.0	65-76					
	cSt Viscosity @ 100°C	11.05	11.6-14.8					
	Flashpoint in °F	305	>375					
	Fuel %	3.5	<2.0					
	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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