



OIL REPORT

LAB NUMBER: F83445

UNIT ID: BLUE PEUGEOT

REPORT DATE: 11/12/2013

CLIENT ID: [REDACTED]

CODE: 20/75

PAYMENT: [REDACTED]

UNIT	MAKE/MODEL: Transmission Manual	OIL TYPE & GRADE: Red Line 75W/90
	FUEL TYPE:	OIL USE INTERVAL: 10,000 Miles
	ADDITIONAL INFO: 1985 505 TD	

CLIENT	DAVID SANDERSON	PHONE: [REDACTED]
	[REDACTED]	FAX: [REDACTED]
		ALT PHONE: [REDACTED]
		EMAIL: [REDACTED]

COMMENTS DAVID: Amended report to correct equipment type. There's something not quite right with this sample. Averages show typical wear for a generic manual transmission after ~47,000 miles. We don't have Peugeot averages, but most manual trannies tend to look pretty similar. There's a lot of aluminum (maybe from a housing) in this sample, and chrome/iron probably show excessive wear at steel parts. Note the moisture, which is a problem at 1.5%, and solids made up more than half of the sample. Contamination/wear is excessive. Look for problems and try 2K miles.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	170,000						
	Sample Date	11/01/13						
	Make Up Oil Added							
ALUMINUM	163	163					6	
CHROMIUM	18	18					1	
IRON	2063	2063					81	
COPPER	40	40					38	
LEAD	13	13					4	
TIN	0	0					1	
MOLYBDENUM	8	8					6	
NICKEL	5	5					1	
MANGANESE	10	10					4	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	4	4					39	
BORON	11	11					176	
SILICON	24	24					21	
SODIUM	40	40					7	
CALCIUM	206	206					750	
MAGNESIUM	179	179					147	
PHOSPHORUS	685	685					1045	
ZINC	460	460					524	
BARIUM	0	0					116	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	-	75-88				
	cSt Viscosity @ 100°C	THICK	14.3-17.7				
	Flashpoint in °F	BOIL	>380				
	Fuel %	-					
	Antifreeze %	?					
	Water %	1.5	<0.1				
	Insolubles %	68.5	<0.8				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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