



OIL REPORT

LAB NUMBER: D51374

UNIT ID: 01 GTI

REPORT DATE: 9/8/2008

CLIENT ID:

CODE: 20/12

PAYMENT:

UNIT

MAKE/MODEL: Volkswagen 1.8L Turbo
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: J5 GTI 1.8t

OIL TYPE & GRADE: Elf Excellium LDX 5W/40
OIL USE INTERVAL: 6,500 Miles

CLIENT

BENNY NG
LUBRIFY.COM

PHONE:
FAX:
ALT PHONE:
EMAIL: benny@lubrify.com

COMMENTS

BENNY: If you didn't change anything in the way you drive this GTI, then we'd say it's wearing better on this Elf than the RedLine. You ran this oil more miles and everything really is about the same, though iron and aluminum improved just a little. The true change is negligible, so if you're deciding which to use, maybe you should go on price. The viscosity read a little lower here, possibly due to the trace of fuel. (The fuel is otherwise harmless.) Insolubles inched up to 0.3% -- still a fine reading. This oil contains ~3 ppm silicon as additive, so your true silicon level is 9 ppm.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	6,500	UNIT / LOCATION AVERAGES	5,750					UNIVERSAL AVERAGES
	MI/HR on Unit	121,500		115,000					
	Sample Date	09/07/08		01/12/08					
	Make Up Oil Added			0 qts					
	ALUMINUM	3	4	4					3
	CHROMIUM	0	0	0					0
	IRON	13	12	11					12
	COPPER	6	6	6					6
	LEAD	2	2	1					3
	TIN	0	1	1					0
	MOLYBDENUM	83	297	511					49
	NICKEL	2	2	1					1
	MANGANESE	24	13	1					1
	SILVER	0	0	0					0
	TITANIUM	0	0	0					0
	POTASSIUM	1	2	3					1
	BORON	5	12	19					53
	SILICON	12	14	16					9
	SODIUM	8	11	13					6
	CALCIUM	1532	1965	2398					2283
	MAGNESIUM	937	488	38					181
	PHOSPHORUS	918	955	991					760
	ZINC	1142	1144	1146					905
	BARIUM	0	0	0					0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	67.7	65-78	74.6				
	cSt Viscosity @ 100°C	12.33	11.6-15.3	14.15				
	Flashpoint in °F	375	>375	395				
	Fuel %	TR	<2.0	<0.5				
	Antifreeze %	0.0	0	0.0				
	Water %	0.0	<0.1	0.0				
	Insolubles %	0.3	<0.6	0.2				
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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