

ERIC RYDZEWSKI
2033 MIDDLE SOUND LOOP
WILMINGTON, NC 28405

COMPANY NAME : ERIC RYDZEWSKI
CUSTOMER EQUIP NUM : M055912
COMPARTMENT NAME : ENGINE DIESEL
SERIAL NUMBER : M055912
MANUFACTURER : VOLKSWAGEN
MODEL : JETTA_VW
JOB SITE :
EXT WARR NUMBER :

SHOP JOB NUM :
COMP SERIAL NUM :
COMPARTMENT MODEL :
COMP MANUFACTURER :
SAMPLE LABEL NUM :
FLUID BRAND/WEIGHT : SHELL/5W-40
FLUID TYPE :
EXT WARR EXPIRE DATE :

Gregory Poole



Fluid Analysis Laboratory
P.O. Box 469
Raleigh, NC 27602
919-836-4494 OR 800-451-7278
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FAX:

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SAMPLE TYPE: OIL

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
D180-42290-0209	10/13/12	10/16/12	187101 MI	10100 MI	Yes	1.5	QT	Yes
No Action Required	ALL TESTS APPEAR NORMAL. CONTINUE SAMPLING AT NORMAL INTERVAL.							
D180-39170-0106	6/17/09	6/19/09	136583 MI	10500 MI	Yes	.5	QT	Yes
No Action Required	ALL TESTS APPEAR NORMAL. CONTINUE SAMPLING AT NORMAL INTERVAL.							
D180-38225-0116	8/11/08	8/12/08	122216 MI	6341 MI	No			No
No Action Required	ALL TESTS APPEAR NORMAL. MORE SAMPLE HISTORY NEEDED TO ESTABLISH A NORMAL WEAR TREND. CONTINUE SAMPLING AT NORMAL INTERVAL.							

Wear Metals (ppm)	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	Mo	Ni	Ca	Mg	Zn	P	Ba
D180-42290-0209	3	24	2	2	3	0	10	7	1	68	0	941	1151	1297	1159	0
D180-39170-0106	3	32	1	3	4	3	2	1	5	3	1	2038	7	890	800	0
D180-38225-0116	2	21	1	1	5	0	2	0	6	18	0	2290	10	942	793	0

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	A	F	PFC	V100
D180-42290-0209	14	23	13	26	N	N	N	0.17	14.9
D180-39170-0106	9	19	11	21	N	N	N		11.5
D180-38225-0116	5	16	10	19	N	N	N		11.8

Ag = Silver, Al = Aluminum, B = Boron, Ca = Calcium, Cr = Chromium, Cu = Copper, Fe = Iron, P = Phosphorus, K = Potassium, Mg = Magnesium, Mo = Molybdenum, Na = Sodium, Ni = Nickel, Pb = Lead, Si = Silicon, Sn = Tin, V = Vanadium, Zn = Zinc, A = Antifreeze, F = Fuel, W = Water, P = Positive, N = Negative, T = Trace, E = Excessive, NIT = Nitration, OXI = Oxidation, ST = Soot, SUL = Sulfation, ISO = ISO Rating, PFC = Percent Fuel Content, PQI = Particle Quantifying index, NaW = Salt Water, FL Pt = Flash Point, TAN = Total Acid Number, TBN = Total Base Number, H2O = Karl Fisher result, V100 = Viscosity@100C, V40 = Viscosity@40C

Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or a component thereof.