

**BR 07 WALTER ORB  
WALTER ORB**

**KAMLOOPS,**

FAX:  
PHONE: 4-7312

COMPANY NAME : WALTER ORB  
CUSTOMER EQUIP NUM : 4WD03894  
COMPARTMENT NAME : ENGINE  
SERIAL NUMBER : 4WD03894  
MANUFACTURER : OTHER  
MODEL : VOLKSWAGON\_OTHER  
JOB SITE :  
WARRANTY NUMBER :  
EXT. WARR. NUMBER :

SAMPLE LABEL NUM : 439833  
SHOP JOB NUM :  
CUSTOMER P O NUM :  
COMP SERIAL NUM :  
COMP MANUFACTURER :  
WARRANTY EXPIRES :  
EXT. WARR. EXPIRES :  
FLUID BRAND/WEIGHT : CASTROL/5W-40  
FLUID TYPE :



**Fluid Analysis Laboratory**  
10910-170 Street  
Edmonton, AB T5S 1H6  
780-483-3795  
www.sos.finning.ca

**SAMPLE TYPE: OIL**

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	COMPART METER	METER ON FLUID	FLUID CHANGED
N030-36202-0221	7/18/06	7/21/06	70634 HR	70634 HR	11201 HR	Yes
No Action Required	NORMAL WEAR METAL READINGS. OTHER READINGS APPEAR NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.					
N030-36045-0165	2/13/06	2/14/06	59433 HR	HR	3145 HR	No
No Action Required	NORMAL WEAR METAL READINGS. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE AT THE NEXT SERVICE INTERVAL. UNABLE TO CONDUCT INFRARED ANALYSIS, PLEASE PROVIDE A SAMPLE OF 'NEW' OIL FOR REFERENCE ON FUTURE SAMPLES.					
N030-36003-0348	1/2/06	1/3/06	56288 HR	6288 HR	2877 HR	No
Action Required	POSITIVE GLYCOL. SODIUM MAY BE ASSOCIATED WITH COOLANT CONTAMINATION. INVESTIGATE POSSIBLE SOURCES OF COOLANT ENTRY AND REPAIR AS NECESSARY.					
N030-35355-0288	12/20/05	12/21/05	53411 HR	HR	12001 HR	Yes
Action Required	POSITIVE GLYCOL. SODIUM MAY BE ASSOCIATED WITH COOLANT CONTAMINATION. OTHER READINGS APPEAR NORMAL. INVESTIGATE POSSIBLE SOURCES OF COOLANT ENTRY AND REPAIR AS NECESSARY. INSPECT FILTERS FOR GLYCOL SLUDGE BY CUTTING OPEN.					

Wear Metals (ppm)	Fe	Cr	Ni	Si	Al	Pb	Sn	Cu	Na	K	B	Ag	Mo	Mg	Zn	Ca	Ba	P
N030-36202-0221	29	1	1	4	6	3	0	4	7	2	0	0	0	7	911	2562	0	740
N030-36045-0165	6	0	0	2	2	1	0	1	5	3	1	0	0	6	750	2140	0	653
N030-36003-0348	14	1	0	3	3	1	0	1	22	2	0	0	0	8	878	2421	0	751
N030-35355-0288	29	1	1	3	5	2	0	4	30	3	1	0	0	8	880	2498	0	710

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	A	F	V100	V40
N030-36202-0221	28	17	10	21	N	N	N	12.3	76.7
N030-36045-0165					N	N	N	12.2	75.0
N030-36003-0348	32	24	15	20	N	P	N	12.8	79.9
N030-35355-0288	93	20	47	34	N	P	N	13.1	81.7

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, 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.