

CNJ CONSULTING
Chris Merkel
432 NORTHCOTE DR
SWIFT CURRENT, SK S9H 4S8

COMPANY NAME : CNJ CONSULTING
CUSTOMER EQUIP NUM : 1FTWW31R68EA58894
COMPARTMENT NAME : ENGINE
SERIAL NUMBER : 1FTWW31R68EA58894
MANUFACTURER : FORD
MODEL : F350_FORD
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 :
FUEL CONSUMED : 0.0



SOS Services Laboratory
2360 Pasqua St. N.
Regina, SK S4P 3A8
306-545-3311
www.kramer.ca

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
N070-40320-0028	10/20/10	11/16/10	187000	5000	Yes			Yes
No Action Required	NORMAL READINGS. CONTINUE NORMALLY SCHEDULED SAMPLING.							
N070-40258-0062	9/13/10	9/15/10	180500	4800	Yes			Yes
No Action Required	NORMAL READINGS. CONTINUE NORMALLY SCHEDULED SAMPLING.							
N070-40112-0013	4/15/10	4/22/10	153700	3000	Yes			Yes
No Action Required	NORMAL READINGS. CONTINUE NORMALLY SCHEDULED SAMPLING.							
N070-39294-0027	10/17/09	10/21/09	128000	5000	Yes			Yes
Action Required	ALUMINUM IS REPORTABLE. SUGGEST CUT OPEN FILTER(S) AND INSPECT FOR DEBRIS. CONTINUE NORMALLY SCHEDULED SAMPLING.							

Wear Metals (ppm)	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	Mo	Ni	Ca	Mg	Zn	P
N070-40320-0028	1	27	1	14	2	0	5	2	10	65	1	831	1171	1253	1084
N070-40258-0062	1	20	1	13	1	1	4	5	15	62	0	940	1231	1346	1173
N070-40112-0013	12	24	1	17	5	1	34	5	8	5	0	2398	23	1276	1126
N070-39294-0027	0	14	0	12	0	0	2	3	5	8	0	2220	172	1294	1108

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	A	F	V100
N070-40320-0028	5	15	8	18	N	N	N	14.1
N070-40258-0062	3	18	7	20	N	N	N	14.0
N070-40112-0013	0	14	5	19	N	N	N	12.0
N070-39294-0027	2	15	7	20	N	N	N	14.1

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.