

SCOMAT Ltee
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Pailles,

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SAMPLE TYPE: OIL

COMPANY NAME : SCOMAT Ltee , MAURITIUS
CUSTOMER EQUIP NUM : 1040FB08
COMPARTMENT NAME : ENGINE
SERIAL NUMBER : 1040FB08
MANUFACTURER : FORD
MODEL : FORD_FORD
JOB SITE :
EXT WARR NUMBER :

SHOP JOB NUM :
COMP SERIAL NUM :
COMPARTMENT MODEL :
COMP MANUFACTURER :
SAMPLE LABEL NUM :
FLUID BRAND/WEIGHT : SHELL/15W-40
FLUID TYPE :
EXT WARR EXPIRE DATE :



Caterpillar SOS Services
Finca La Candelaria s/n
29591 Santa Rosalia Maquada, Malaga -
+ 34 95 241 8820

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
Y104-39173-1029	16/6/09	22/6/09	30120 KM	8358 KM	Yes			Unknown
Monitor Compartment	SOOT AND IRON ARE HIGH.MODERATELY ELEVATED SOOT LEVEL MAY RELATE TO INTAKE RESTRICTION, A/F RATIO, ENG.TEMP, OIL SERVICE.IRON IS ELEVATED AND MAY INDICATE PISTON RING WEAR.INSPECT THE SOURCE OF THIS WEAR AND MAKE REPAIRS IF IT IS NECESSARY. PLEASE CHECK AIR FILTER FOR PLUGGING. IF AIR FILTER CHECKS OK, CHECK ENGINE SETTINGS NEXT TO ASSURE PROPER OPERATION. RESAMPLE IN 250 HOURS TO MONITOR.							
Y104-39057-0001	18/2/09	26/2/09	21762 KM	5000 KM	Yes			Unknown
Monitor Compartment	SOOT AND IRON ARE HIGH. MODERATELY ELEVATED SOOT LEVEL MAY RELATE TO INTAKE RESTRICTION, A/F RATIO, ENG.TEMP, OIL SERVICE. IRON IS ELEVATED AND MAY INDICATE PISTON RING WEAR. INSPECT THE SOURCE OF THIS WEAR AND MAKE REPAIRS IF IT IS NECESSARY. RESAMPLE IN 250 HOURS TO MONITOR.							

Wear Metals (ppm)	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	Mo	Ni	Ag	Ca	Mg	Zn	P
Y104-39173-1029	6	124	9	14	2	0	15	2	2	1	2	0	2822	16	1656	1355
Y104-39057-0001	10	133	10	17	1	1	64	1	2	1	1	0	2833	43	1546	1271

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	A	F	V100
Y104-39173-1029	40	14	8	27	N	N	N	14.6
Y104-39057-0001	36	13	8	26	N	N	N	14.8

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.