

**TOROMONT****CAT**

TOROMONT CAT - FLUIDS ANALYSIS LAB,548 EDGELEY BLVD, CONCORD, ON, L4K 4G4

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**CONTACT INFORMATION**

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**EQUIPMENT**

CUSTOMER EQUIP NUM : 2WS02698

SERIAL NUMBER : 2WS02698

MODEL : 3406E

MANUFACTURER : CAT

COMPANY NAME : DAVE CRANE

JOB SITE :

AREA:

REGION:

**SAMPLE INFORMATION**

COMPARTMENT NAME : ENGINE

COMP SERIAL NUM :

COMPARTMENT MODEL :

LABEL#: 10057681

SHOP JOB NUM :

SAMPLE TYPE: OIL

SAMPLE SHIP TIME (days) : 5

SAMPLE LOCATION : HOME

**No Action  
Required**

NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

LAB #

N020-49121-2262

PROCESS 01-May-19  
DATE**WEAR/CONTAMINATION - ADDITIVES/FORMULATION**

| SAMPLE<br>DATE | SAMPLE ID       | METER<br>( KM ) | METER ON<br>FLUID | FLUID<br>CHANGE | FILTER<br>CHANGE | Cu | Fe | Cr | Al | Pb | Sn | Si | Na | K | Mo | Ni | Ag | Ti | Mn | Cd | Ca  | P    | Zn   | Mg   | Ba | B  |
|----------------|-----------------|-----------------|-------------------|-----------------|------------------|----|----|----|----|----|----|----|----|---|----|----|----|----|----|----|-----|------|------|------|----|----|
| 26-Apr-19      | N020-49121-2262 | 211447          | 4686              | N               | N                | 1  | 2  | 0  | 1  | 0  | 0  | 2  | 5  | 1 | 60 | 0  | 0  | 0  | 0  | 0  | 875 | 1198 | 1382 | 1222 | 0  | 54 |

**OIL FORMULATION - OIL CONDITION - OIL CONTAMINATION**

| SAMPLE<br>DATE | SAMPLE ID       | METER<br>( KM ) | METER ON<br>FLUID | FLUID BRAND | FLUID TYPE | FLUID<br>WEIGHT | FLUID<br>CHANGE | FILTER<br>CHANGE | V100 | ST | OXI | SUL | NIT | W | A | F |
|----------------|-----------------|-----------------|-------------------|-------------|------------|-----------------|-----------------|------------------|------|----|-----|-----|-----|---|---|---|
| 26-Apr-19      | N020-49121-2262 | 211447          | 4686              | UNKNOWN     | CTC DIESEL | 5W-40           | N               | N                | 13.4 | 0  | 17  | 20  | 7   | N | N | N |

**OIL CLEANLINESS**

| SAMPLE<br>DATE | SAMPLE ID       | FLUID<br>CHANGE | FILTER<br>CHANGE | PQI |
|----------------|-----------------|-----------------|------------------|-----|
| 26-Apr-19      | N020-49121-2262 | N               | N                | 1   |

A = Antifreeze, Ag = Silver, Al = Aluminum, B = Boron, Ba = Barium, Ca = Calcium, Cd = Cadmium, Cr = Chromium, Cu = Copper, F = Fuel, Fe = Iron, K = Potassium, Mg = Magnesium, Mn = Manganese, Mo = Molybdenum, NIT = Nitration, Na = Sodium, Ni = Nickel, OXI = Oxidation, P = Phosphorus, PQI = Particle Quantifying index, Pb = Lead, ST = Soot, SUL = Sulfation, Si = Silicon, Sn = Tin, Ti = Titanium, V100 = Viscosity@100C, W = Water, Zn = Zinc

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.

