



Tigercat Fluid Analysis (TFA) offers a wide range of hydraulic, gear and fuel test packages that turn valuable data into meaningful, actionable information to ensure maximum component life and machine uptime. TFA is able to provide you with precise determination of problems within 24 hours of receipt.

TIGERCAT FLUID ANALYSIS



TFA AT A GLANCE

Continuation of Tigercat warranty coverage on machine powertrain components in all new Tigercat loaders, skidders and wheel feller bunchers sold in the U.S.A. and Canada is contingent on regular component fluid sampling and laboratory analysis as per the schedule below.

Powertrain Component	First Sample	Follow-Up Samples
Hydraulic System	125 hours	Every 1000 Hours or 6 Months
Axles – Front & Rear	125 hours	Every Oil Change (1000 Hours or 6 Months)
Bogies, Differentials and Planetaries	125 hours	Every Oil Change (1000 hours or 6 Months)
Pump Drive Gearbox	125 hours	Every Oil Change (500 hours or 3 Months)
Swing Drive Gearbox(es)	125 hours	Every Oil Change (500 hours or 3 Months)
Track Drive Gearboxes	125 hours	Every Oil Change (1000 hours or 6 Months)
Transfer Case Gearbox	125 hours	Every Oil Change (500 Hours or 3 Months)
Engines Diesel Fuel	As required	As required

FIRST SAMPLE IS FREE!

As part of the 125 hour inspection service, there will be no charge to the machine owner for the first sample taken from each component as well as the fluid analysis work completed in the laboratory. All of this work will be scheduled and performed by the Tigercat dealer. The machine owner will be advised of the fluid analysis results should any concerns arise.

FOLLOW-UP SAMPLES

All follow-up samples must be taken as per the schedule above. The costs of this sampling as well as the laboratory analysis work are the responsibility of the machine owner.

If required, arrangements can be made with your Tigercat dealer to supply and perform all of the required follow-up samples.

- If samples are submitted using the Tigercat Fluid Analysis (TFA) program, analysis results will automatically be available for review by both the dealer and the Tigercat Warranty Department both on the TFA website and via an email report within 24 hours of receipt of the fluid sample at the laboratory.
- Results obtained from fluid analysis programs other than the TFA program must be forwarded to the Tigercat Warranty Department for review in order for the full powertrain warranty coverage to remain in effect.

Once the results are reviewed, the machine owner will be advised should any concerns arise.

HYDRAULIC SYSTEM

Note that continuation of Tigercat warranty coverage on all machine hydraulic pumps and motors including hydrostatic drives, all hydraulic control valves and cylinders as well as any rotary manifold is contingent on the regular completion of the hydraulic system fluid sampling and laboratory analysis work as per the schedule above.

INSIDE THE TFA KITS

TIGERCAT FLUID SAMPLE KITS ARE AVAILABLE FROM YOUR TIGERCAT DEALER.

The oil sampling kit consists of 1 TFA shipping box which contains 10 translucent fluid sample bottles, 10 black shipping containers, 10 language specific sample cards and TFA program instructions. All sample bottles in the oil sampling kit are identical and each can be used for any type of powertrain component fluid sampling other than diesel fuel.

The diesel fuel kit contains 1 TFA shipping box which contains 2 diesel fuel metal sampling containers, 2 individual sample boxes, 2 fuel certified shipping boxes, 2 language specific sample cards and TFA program instructions. All sample bottles in the diesel fuel kit are identical and each can be used to retrieve a sample directly from the engine, the on-site fuel storage tanks or from the supplier.

SAMPLES SHOULD BE SENT TO THE LAB NEAREST YOU FOR ANALYSIS:

Eastern Canada – 95 Copernicus Blvd, Brantford, ON, N3P 1N4

Western Canada – 4371 Savaryn Dr SW, Edmonton, AB, T6X 2E8

USA – 9555 James Ave S, #210, Bloomington, MN, 55431

Your Region within North America	Sample Card Included in Kit	TFA Oil sampling kit # to order	TFA Diesel sampling kit # to order
Canada	English/French sample card with samples being sent to Brantford, ON or Edmonton, AB depending on your location.	DA025	DA031
USA	English sample card with samples being sent to Bloomington, MN.	DA028	DA030

TFA COLLECTION PROCEDURES

The accuracy of the laboratory analysis is very dependent on the quality of the fluid sample taken. Collection of clean fluid samples that are representative of the main body of fluid are essential if meaningful lab results are to be obtained. Erroneous readings may result if proper collection, handling, packaging and shipping practices are not followed prior to the sample being tested by the lab. Refer to the Service Manual for sample collection instructions.



SUBMITTING A SAMPLE

METHOD 1: MYLAB MOBILE APP



Set up samples with your mobile device in a convenient app that you can download for iPhone or Android. This method accelerates sample registration and improves turnaround time and accuracy of your data.

1. Download the mobile App on your device by searching “myLab Fluid Life” in your devices App store.
2. Login using your TFA myLab account details.
3. Scan equipment tag or search for the unit.
4. Choose component.
5. Scan barcode on sample bottle.
6. Enter meter reading and indicate if oil has been changed.

METHOD 2: MYLAB WEB PORTAL



Set up samples within myLab from your computer or smart phone’s browser.

1. Login with your TFA myLab account details here: <https://mylab2.fluidlife.com/mylab/tigercat.html>
2. Select equipment to register.
3. Enter meter reading and indicate if oil has been changed.
4. Enter or scan barcode.
5. Optionally: Print label and affix label to bottle.

METHOD 3: SAMPLE CARD FORM



Set up samples by handwriting accurate information in paper form. Be sure to use ink, print clearly, and avoid smudging, so it can be processed correctly in the lab.

1. Document sample, contact, operating and maintenance information clearly.
2. Roll form up into black jar with sample.

TFA MYLAB LOGIN URL

<https://mylab2.fluidlife.com/mylab/tigercat.html>

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