

TRIBOLOGIK® NEWSLETTER

ISO 17025:2005

www.tribologik.com

July 2013

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Accurate Information: A Pre-Condition to High Quality Oil Analysis

The quality of your oil analysis program is related to many factors. In the first place, the reliability of the **quality control** system of the laboratory must be evaluated as well as the competence and qualifications of the laboratory personnel, the calibration of the lab instruments, the use of an expert system, etc. These conditions, you do not control.

However you, as customer, have your own responsibilities. In the first place, you have to make sure that your oil samples are extracted using the proper **sampling methods** and instruments. We have discussed this in the December 2011 and January 2012 issues of this Newsletter. Call your account manager for training if necessary.

In addition to the above, you must make sure that the information you are sending to the lab with your samples is **accurate and precise**.

Prepaid Labels

Customer :	SAAS CORPORATION		
Plant :	engine report		
Machine :	GEARBOX 456		
Lubricant :	ENDURATEX SYNT EP-220		
Sample Date :	2013-04-07	Tests :	PQROT
Time on HRS/MLS/KM Equip :	500 HRS	Oil :	500 HRS
Oil replaced ?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Filter replaced ?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Symptom :	No Symptoms		
 2195-1-1			

If you are using prepaid tickets from our web site (**we strongly suggest that you do so**), some of this information (company, equipment and lubricant information) will be automatically pre-printed on the label. This step minimises the misreading of the identification of the sample.

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Pre-paid tickets can be purchased either on-line or through a purchase order.

Primary importance is to include the sampling **date** and as much information as possible including the **test combination** that you have purchased for this piece of equipment. This will save a great deal of time at receiving and will **prevent errors** on the tests to be performed by the laboratory.

Additional information, i.e.: **time** or **distance** (Km or miles) on the equipment and oil, statement (yes / no) on **oil and filter change**, are important too. For example, if you just changed the oil and filter and your oil analysis report indicates a marginal or critical machine condition, you will understand that you may have a major problem and that you must take action immediately.

On the other hand, if you have observed a malfunction **symptom** such as unusual noise or vibration, write it down on your label (or find it on our site under symptom) and our Expert System will take this into account in its diagnosis and recommendations (if possible).

The effects of these symptoms will be reflected in your oil analysis report and even better, our expert system will remember these symptoms and their consequences on your machinery in the future. Our expert system never forgets.

If you have to write on the label, please use block letters and write legibly so that our receiving personnel will not have to rack their brains on your "doctors handwriting". Mistakes can occur at this point if writing is not clear.

Tribologik® Info-Machine Data Sheet

New customers who are not yet registered in our system will be requested to fill the **Tribologik® Info-Machine Data Sheet to be returned with the first sample submitted**. Those who are already registered can do everything on-line.

Write in as many details as possible and keep in mind that the more we know on your company, your equipment and lubricants, the more accurate and relevant our diagnosis and maintenance recommendations will be.

The Tribologik® Info-Machine Data Sheet contains four (4) separate titles:

- **CUSTOMER INFORMATION**
- **EQUIPMENT AND LUBRICANT INFORMATION**
- **TESTS TO PERFORM**
- **ADDITIONAL TESTS – NOTES**



Your Equipment's Best Friend!

CUSTOMER INFORMATION				
COMPANY NAME				
ADDRESS				
CONTACT NAME				
PHONE NUMBER				
EMAIL				
SAMPLING DATE				

EQUIPMENT INFORMATION		LUBRICANT INFORMATION	
EQUIPMENT NAME		LUBRICANT MANUFACTURER	
SERIAL NUMBER		GRADE	
TYPE of EQUIPMENT		OIL CHANGED	Yes No
MANUFACTURER		FILTER CHANGED	Yes No
MODEL		FILTER - MODEL and SIZE	
HOURS/KM on EQUIPMENT		TANK CAPACITY	

TESTS TO PERFORM				
HYDRAULIC	GEARBOX TRANSMISSION DIFFERENTIAL COMBINED	ENGINE	COOLANT	FUEL
PRAN	PQROT	ENGK	GLY	FUP

ADDITIONAL TESTS				NOTES	
TAN	AF	GLY	PT		
TBN	PC	GRE	CH		
KF	DR	VIS	SO		
OTHER :					

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It is very important to be crystal clear on the tests to perform. Checking the wrong combination will lead the lab to do the wrong tests. We will have to call you back, play telephone tag, double check and waste our time, and yours, on non-issues that otherwise should have been avoided.

ADDITIONAL TESTS – NOTES

The above list of tests are the basic tests recommended for each type of equipment. Should you need additional or complementary testing, check the appropriate box and write down the notes, e.g. : **symptoms**, that you think relevant.

ADDITIONAL TESTS – Check if relevant						NOTES – If relevant		
<input type="checkbox"/>	TAN	<input type="checkbox"/>	AF	<input type="checkbox"/>	GLY	<input type="checkbox"/>	PT	
<input type="checkbox"/>	TBN	<input type="checkbox"/>	PC	<input type="checkbox"/>	GRS	<input type="checkbox"/>	CH	
<input type="checkbox"/>	KF	<input type="checkbox"/>	DR	<input type="checkbox"/>	VIS	<input type="checkbox"/>	SO	
OTHER :								

Providing accurate information and using a correct sampling procedure are two conditions for a high quality oil analysis program.

WEBINAR – Manage your Oil Analysis Program using the Tribologik® web site

By Jeremie Verdene

Date : Friday July 26, 2013

Time :

- Ontario, Manitoba : 12:00 PM, Toronto time
- Saskatchewan, Alberta : 10:00 AM, Calgary time

Duration : 30 minutes

Reserve now with Jeremie :

jeremie@tribologik.com

Global Meet

You're invited.

You've been invited to a web meeting starting lundi 9 juillet 2012 at 11:35 Canada, Québec.

Have the meeting call you.
Click the Connect Me link below. No need to dial-in.

Not at your computer?
You can join by dialing one of the access numbers below.

BlackBerry® +1-719-457-6209x7025895745#
iPhone® +1-719-457-6209,7025895745
Web Meeting: [Join](#)

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