

# PURUS<sup>®</sup>



Purus<sup>®</sup> Assurance System

## Purus® Assurance System Fluid Analysis Test Packages

### OIL TEST PACKAGE

Test Packages	Standard Analysis PART# BOCF		Advanced Analysis PART# AOCF	
	Engines	Non-Engines	Engines	Non-Engines
Elemental Metals by ICP	X	X	X	X
Water % by Crackle	X	X	X	X
Viscosity @ 40°C or 100°C	X	X	X	X
Fuel Dilution	X		X	
Soot %	X		X	
Total Acid Number				X
Total Base Number			X	
Oxidation/Nitration			X	X

### COOLANT TEST PACKAGE

Test Package	Coolant Analysis PART# CCCP
Visuals (color, oil, odor, fuel, magnetic/non-magnetic precipitate & foam)	X
Elemental Metals by ICP	X
pH	X
% Glycol (Ethylene or Propylene Glycol)	X
Freeze Point	X
Boil Point	X
Nitrite	X
SCA Number	X
Specific Conductance	X
Total Hardness	X

**Additional Testing Options  
Available Upon Request**

### Suggested Sampling Intervals by Application

Component	Interval
Transmission	Every 500 Hours
Differentials	Every 1,000 Hours
Planetary	Every 1,000 Hours
Engine	Every 250 Hours
Hydraulics	Every 1,000 Hours

## Purus® Assurance System

The Purus® Assurance System is designed to provide Fleet Managers or Owner-Operators with an internal view of equipment operation. Through regular fluid analysis the Purus® Assurance System can indicate the condition of the lubricant or coolant. It can also identify specific component wear and contamination in engines, transmissions, hydraulic systems, final drives and cooling systems.

By utilizing POLARIS Laboratories, Purus® promptly delivers industry leading fluid analysis reports. Typically, reports are available via email notification within 24-48 hours from the time of receipt. The Purus® Assurance System service helps to avoid failures, costly repairs and equipment down time.



## HORIZON: Innovative Reporting and Data Management Solutions

- Fast, paperless reports
- Graphing capabilities for quick identification of significant trends and relationships
- Submit sample information online to ensure accuracy and faster processing
- Sample paperwork and complete testing history stored securely online
- Multiple users can view reports simultaneously
- Access to your information from anywhere through an internet connection

### EASY-TO-USE DATA MANAGEMENT REPORTS TO HELP YOU:

- Improve sampling schedules
- Influence purchasing decisions
- Affect positive change in your daily maintenance practices



# Using the Purus® Assurance System

Using the Purus® Assurance System is as simple as contacting your local Purus® distributor to assist you in ordering testing kits, then take the following easy steps:

- Contact Purus® Assurance System Customer Service at 877-223-1563 to establish your laboratory account.
- Log on to [www.eoilreports.com](http://www.eoilreports.com) and follow the prompts to receive a username and password. This will allow easy access to your test results, recommendations and management report options.
- Begin sending in samples and managing your fluid analysis program through the Purus® Assurance System.

## Sample Information and Component Registration Forms and Equipment Lists

There are three ways to register equipment information in the Purus® Assurance System:

**PURUS** STANDARD ANALYSIS

**SAMPLE INFORMATION**

Account #  Account  Distributor/Sales Rep  INTERNAL USE ONLY

Customer  Contact

Address  City - State/Province - Postal Code - Country

Phone  Email Address

Sample Point  Component ID

Engine  Compressor  Gear  Final Drive

Bearing  Differential  Turbine

Hydraulic  Pallet Jack  Other

Transmission  Other

New Lube Reference  Date Sampled

Lube Time  M  Mi  Km  Hr  Day  Mo  Yr

Component Time  M  Km  Hr  Day  Mo  Yr

Lube Added  Or  Gal  Ltr Lube Changed  Yes  No

Misc.  Filter Changed  Yes  No

(see components or to request changes)

Component Model

Hydraulic:	Industrial Gear:	Hydraulic:	Compressor:
<input type="checkbox"/> (BB2P)	<input type="checkbox"/> Scissor System (BS)	<input type="checkbox"/> Piston Pump (BPP)	<input type="checkbox"/> Reciprocating (BRR)
<input type="checkbox"/> (BB7P)	<input type="checkbox"/> Worm (BWM)	<input type="checkbox"/> Gear Pump (BGP)	<input type="checkbox"/> Rotary Screw (BRS)
<input type="checkbox"/> (BBPL)	<input type="checkbox"/> Other	<input type="checkbox"/> Vane Pump (BVP)	<input type="checkbox"/> Rotary Vane (BRV)
<input type="checkbox"/> (BBST)	<input type="checkbox"/> Industrial Bearing:	<input type="checkbox"/> Other	<input type="checkbox"/> Centrifugal (BCF)
<input type="checkbox"/> (BBM)	<input type="checkbox"/> Sleeve (BSL)	<input type="checkbox"/> Turbine:	<input type="checkbox"/> Refrigeration (BR)
<input type="checkbox"/> (BBPT)	<input type="checkbox"/> Flaking (BFL)	<input type="checkbox"/> See (BTST)	<input type="checkbox"/> Other
<input type="checkbox"/> (BBM)	<input type="checkbox"/> Other	<input type="checkbox"/> Steam (BSV)	
<input type="checkbox"/> (BBM)	<input type="checkbox"/> Other	<input type="checkbox"/> Other	

Product Name  Grade  SAE  ISO

Filter Micron Rating  Sump Capacity  Gal  Ltr

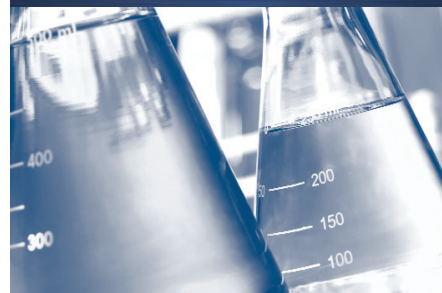
1. If several components will be registered for testing, an equipment list may be completed and sent to the lab before you even begin sending in samples.
2. A Component Registration Form is included with every sample kit order and should be used when adding a new component to be sampled for the first time or whenever there is a change in component and/or lube information previously submitted to the lab.
3. To transfer historical data, simply contact your Purus® Customer Service Department and your electronic files can be imported directly into the laboratory's database safely and easily.

## Sending your Samples for Analysis

A Sample Kit includes a sample jar, Sample Information and Component Registration Form, mailer and mailer return address label.

After taking your samples, fill out sample information form completely and accurately, attach barcode with Component ID to the sample bottle and place the bottle inside the black safety shipping container along with the form.

Complete the mailing label return address and attach it to the shipping container. Use a trackable shipping service to send samples to the laboratory of your choice.





**SALT LAKE CITY**

**INDIANAPOLIS**

**HOUSTON**

## Four Convenient Laboratory Locations

**POLARIS Laboratories  
INDIANAPOLIS**

7451 Winton Drive  
Indianapolis, IN 46268  
Phone: 877-223-1563

**POLARIS Laboratories  
HOUSTON**

4100 North Sam Houston West  
Suite 250  
Houston, TX 77086  
Phone: 877-223-1563

**POLARIS Laboratories  
SALT LAKE CITY**

3060 W. California Avenue, Ste B  
Salt Lake City, UT 84104  
Phone: 877-223-1563

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[www.purusproducts.com](http://www.purusproducts.com)