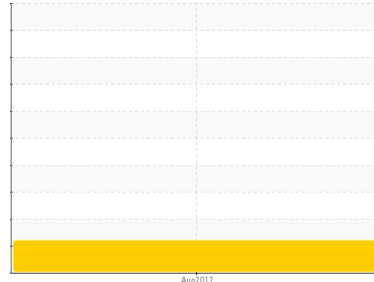




PROBLEM SUMMARY

Sample Rank Trend



DEGRADATION



Machine Id
PMT-54
 Component
PIONEER 1850KVA Transformer Oil
 Fluid
TYPE II INSULATING FLUID (2305 LTR)

COMPONENT CONDITION SUMMARY

No relevant graphs to display


RECOMMENDATION

We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status			ABNORMAL	---	---
Dielectric Breakdown	kV	ASTM D1816	▲ 25	---	---

Customer Id: CUSANY
Sample No.: WC1234567
Lab Number: 01234567
Test Package: TRF 3



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Bill Quesnel +1 (905)569-8600 x4641
Bill.Quesnel@wearcheck.com

To change component or sample information:
 Gloria Gonzalez +1 (905)569-8600 x4643
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rank Trend



DEGRADATION



Machine Id

PMT-54

Component

PIONEER 1850KVA Transformer Oil

Fluid

TYPE II INSULATING FLUID (2305 LTR)

DIAGNOSIS

▲ Recommendation

We recommend an early resample to monitor this condition.

Wear

{not applicable}

Contamination

There is no indication of any contamination in the transformer oil.

▲ Fluid Condition

The dielectric breakdown voltage is lower than the acceptable limit. The condition of the transformer oil is still acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history 1	history 2
Sample Number		WC981384	---	---
Sample Date		28 Aug 2017	---	---
Machine Age	hrs	0	---	---
Oil Age	hrs	0	---	---
Oil Changed		Not Changed	---	---
Sample Status		ABNORMAL	---	---

CONTAMINANTS

method	limit/base	current	history 1	history 2
ppm Water	ppm ASTM D6304 >35	4	---	---

DISSOLVED GAS ANALYSIS (DGA)

method	limit/base	current	history 1	history 2
DGA - H2	ppm ASTM D3612	10	---	---
DGA - O2	ppm ASTM D3612	14322	---	---
DGA - N2	ppm ASTM D3612	77438	---	---
DGA - CO	ppm ASTM D3612	157	---	---
DGA - CO2	ppm ASTM D3612	674	---	---
DGA - Methane	ppm ASTM D3612	4	---	---
DGA - Acetylene	ppm ASTM D3612	<1	---	---
DGA - Ethene	ppm ASTM D3612	2	---	---
DGA - Ethane	ppm ASTM D3612	2	---	---
DGA - Total Gas Content	% ASTM D3612	92609	---	---
DGA - Total Combustible Gas	ppm ASTM D3612	175	---	---

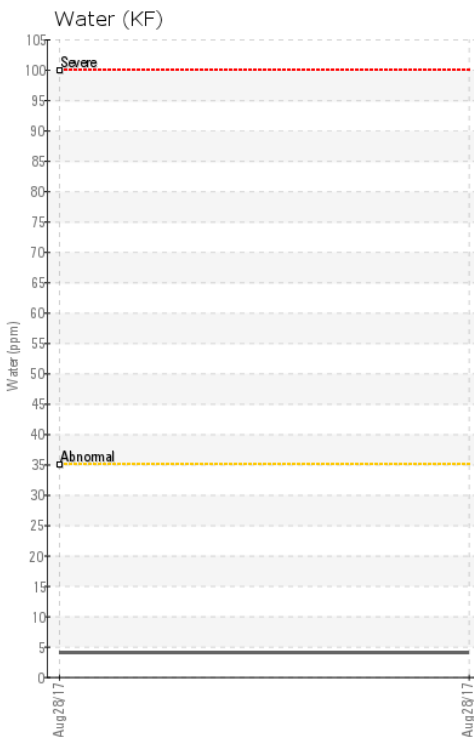
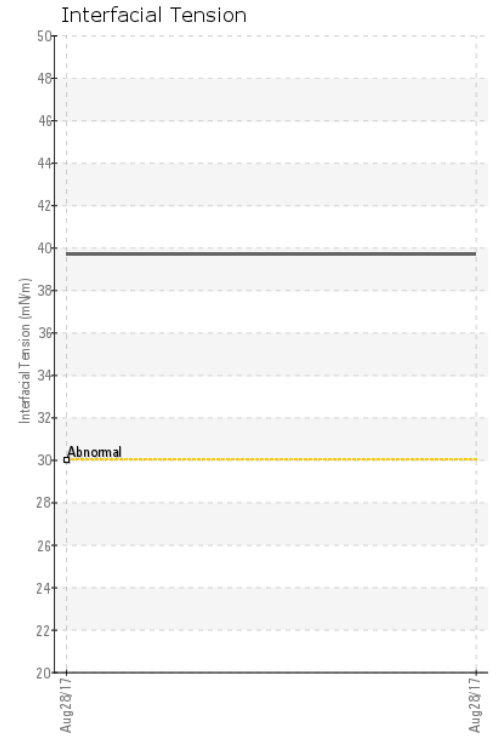
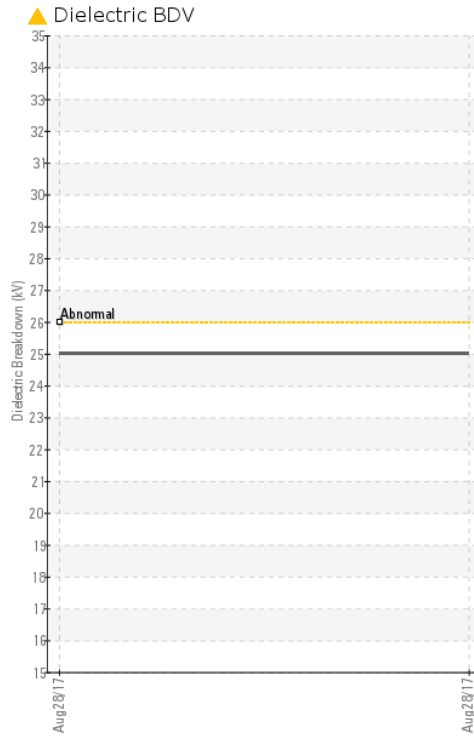
FLUID PROPERTIES

method	limit/base	current	history 1	history 2
Dielectric Breakdown	kV ASTM D1816	▲ 25	---	---
Interfacial Tension	mN/m ASTM D971	39.69	---	---

SAMPLE IMAGES

method	limit/base	current	history 1	history 2
Color			<i>no image</i>	<i>no image</i>
Bottom			<i>no image</i>	<i>no image</i>

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC1234567 **Received** : 08 Sep 2017
Lab Number : 01234567 **Diagnosed** : 27 Sep 2017
Unique Number : 12345678 **Diagnostician** : Bill Quesnel
Test Package : TRF 3 (Additional Tests: Furans, PCBTransformer, PrtCount)

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To discuss diagnosis or test data, contact Technical Support at 1-800-268-2131.
 To change component or sample information, contact Customer Service at 1-800-268-2131.