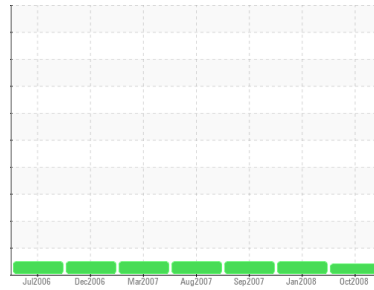




# PROBLEM SUMMARY

Sample Rating Trend



**VIS DEBRIS**



Machine Id  
**JAX-COMP01, WW-1**  
 Component  
**Compressor**  
 Fluid  
**MOBIL DTE OIL LIGHT (20 GAL)**

## COMPONENT CONDITION SUMMARY

No relevant graphs to display

## RECOMMENDATION

We suspect abnormal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor.

## PROBLEMATIC TEST RESULTS

Sample Status		ABNORMAL	NORMAL	NORMAL
Debris	scalar *Visual	▲ <b>HEAVY</b>	NONE	NONE

**Customer Id:** RENJAC  
**Sample No.:** RP54421  
**Lab Number:** 02284963  
**Test Package:** IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:  
 Doug Bogart +1 (800)237-1369 x4016  
[dougb@wearcheckusa.com](mailto:dougb@wearcheckusa.com)

To change component or sample information:  
 Customer Service +1 1-800-237-1369  
[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

## RECOMMENDED ACTIONS

*There are no recommended actions for this sample.*

## HISTORICAL DIAGNOSIS

**03 Jan 2008 Diag: Doug Bogart**

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of oil is suitable for further service.

view report



**17 Sep 2007 Diag: Doug Bogart**

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of oil is suitable for further service.

view report



**02 Aug 2007 Diag: Doug Bogart**

NORMAL



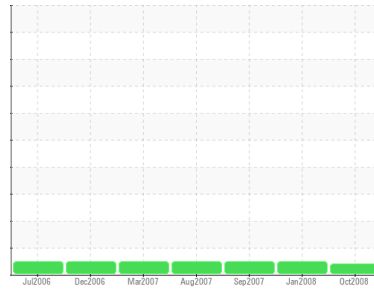
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of oil is suitable for further service.

view report



# OIL ANALYSIS REPORT

Sample Rating Trend



**VIS DEBRIS**



Machine Id  
**JAX-COMP01, WW-1**  
 Component  
**Compressor**  
 Fluid  
**MOBIL DTE OIL LIGHT (20 GAL)**

**DIAGNOSIS**

**Recommendation**

We suspect abnormal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor.

**Wear**

All component wear rates are normal.

**Contamination**

High concentration of visible dirt/debris present in the oil.

**Fluid Condition**

The condition of oil is suitable for further service.

**SAMPLE INFORMATION**

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>RP54421</b>	RP47273	RP47283
Sample Date	Client Info		<b>22 Oct 2008</b>	03 Jan 2008	17 Sep 2007
Machine Age	hrs	Client Info	<b>0</b>	0	0
Oil Age	hrs	Client Info	<b>0</b>	0	0
Oil Changed	Client Info		<b>N/A</b>	N/A	N/A
Sample Status			<b>ABNORMAL</b>	NORMAL	NORMAL

**WEAR METALS**

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Chromium	ppm	ASTM D5185m	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m	<b>0</b>	0	0
Silver	ppm	ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	<b>1</b>	<1	<1
Lead	ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Copper	ppm	ASTM D5185m	<b>0</b>	0	0
Tin	ppm	ASTM D5185m	<b>0</b>	0	0
Antimony	ppm	ASTM D5185m	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	0

**ADDITIVES**

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>0</b>	<1	<1
Barium	ppm	ASTM D5185m	<b>2</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>0</b>	0	0
Manganese	ppm	ASTM D5185m	<b>2</b>	0	0
Magnesium	ppm	ASTM D5185m	<b>95</b>	102	86
Calcium	ppm	ASTM D5185m	<b>26</b>	0	0
Phosphorus	ppm	ASTM D5185m	<b>9</b>	8	8
Zinc	ppm	ASTM D5185m	<b>3</b>	2	2

**CONTAMINANTS**

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<b>0</b>	0	<1
Sodium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Potassium	ppm	ASTM D5185m	<b>1</b>	0	1
Water	%	ASTM D6304	<b>0.034</b>	0.001	0.006

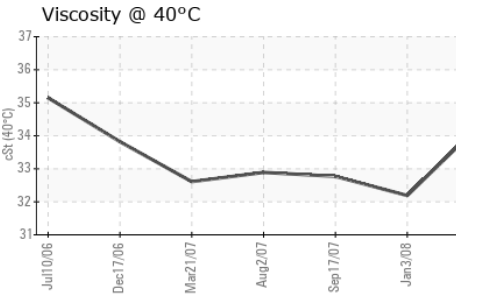
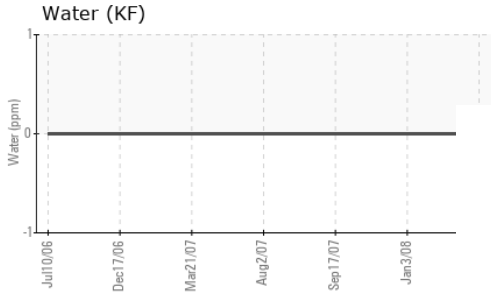
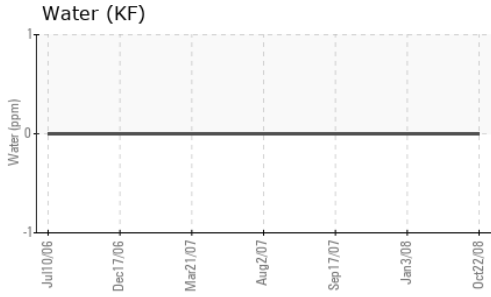
**FLUID DEGRADATION**

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.475</b>	0.583	0.409

**VISUAL**

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE
Debris	scalar	*Visual	NONE	<b>▲ HEAVY</b>	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML
Emulsified Water	scalar	*Visual	<b>NEG</b>	NEG	NEG
Free Water	scalar	*Visual	<b>NEG</b>	NEG	NEG

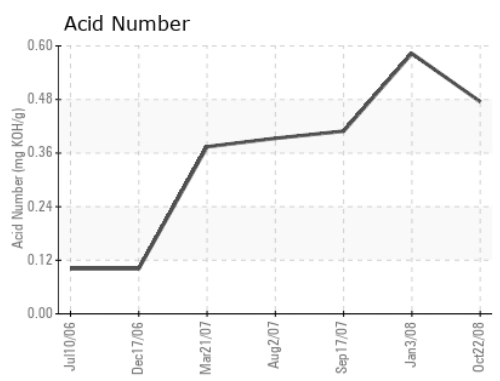
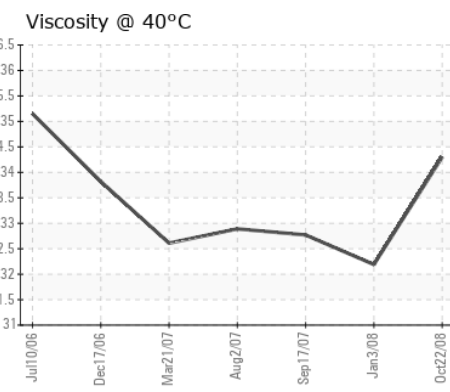
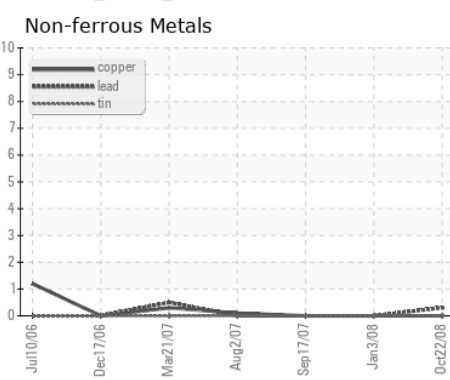
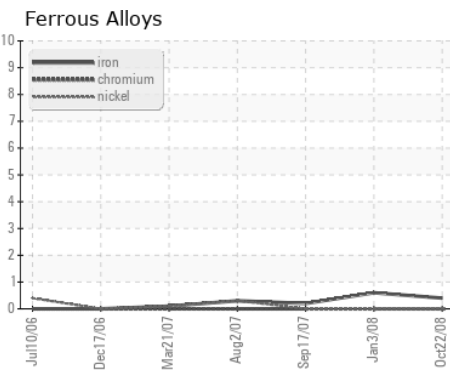
# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	<b>34.3</b>	32.19	32.77

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : RP54421 **Received** : 05 Nov 2008  
**Lab Number** : 02284963 **Diagnosed** : 07 Nov 2008  
**Unique Number** : 4634552 **Diagnostician** : Doug Bogart  
**Test Package** : IND 2 ( Additional Tests: Bottom )

**SYMRISE**  
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 JACKSONVILLE, FL  
 US 32208  
 Contact: ADAM BOVITCH  
 ADAM.BOVITCH@SYMRISE.COM  
 T: (904)924-2765  
 F:

To discuss this sample report, contact Customer Service at 1-800-237-1369.  
 \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.  
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)