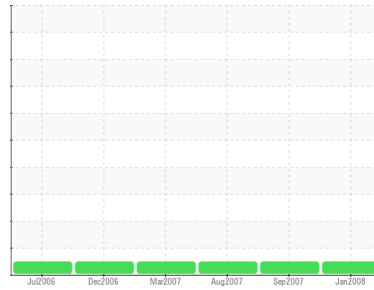




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



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

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the component.

### Fluid Condition

The condition of oil is suitable for further service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>RP47273</b>	RP47283	RP035134
Sample Date	Client Info			<b>03 Jan 2008</b>	17 Sep 2007	02 Aug 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>NORMAL</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	<1
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Lead	ppm	ASTM D5185m		<b>0</b>	0	0
Copper	ppm	ASTM D5185m		<b>0</b>	0	<1
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

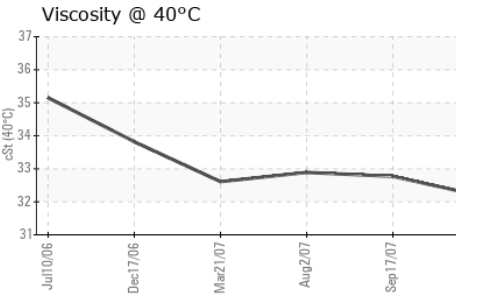
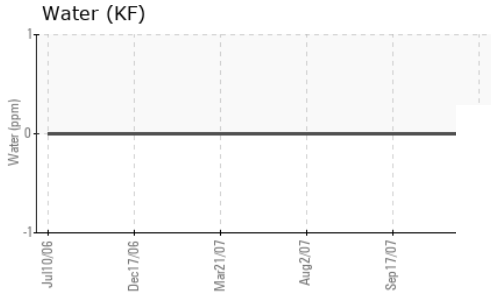
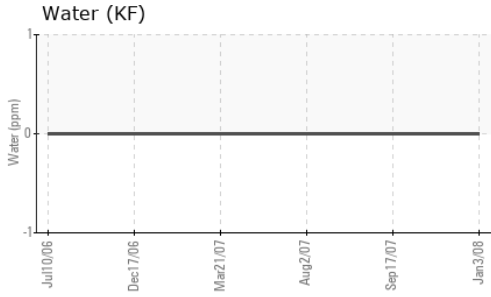
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Barium	ppm	ASTM D5185m		<b>0</b>	0	2
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	0
Manganese	ppm	ASTM D5185m		<b>0</b>	0	0
Magnesium	ppm	ASTM D5185m		<b>102</b>	86	82
Calcium	ppm	ASTM D5185m		<b>0</b>	0	3
Phosphorus	ppm	ASTM D5185m		<b>8</b>	8	7
Zinc	ppm	ASTM D5185m		<b>2</b>	2	6

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		<b>0</b>	<1	<1
Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	1
Potassium	ppm	ASTM D5185m		<b>0</b>	1	12
Water	%	ASTM D6304		<b>0.001</b>	0.006	0.010

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.583</b>	0.409	0.393

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

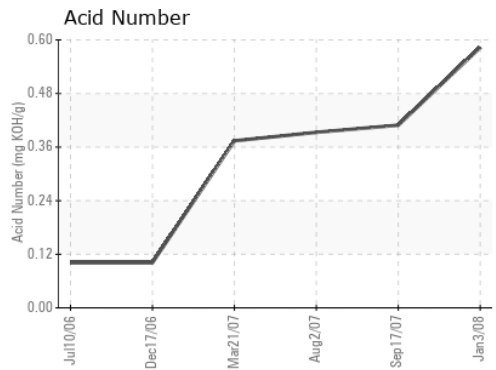
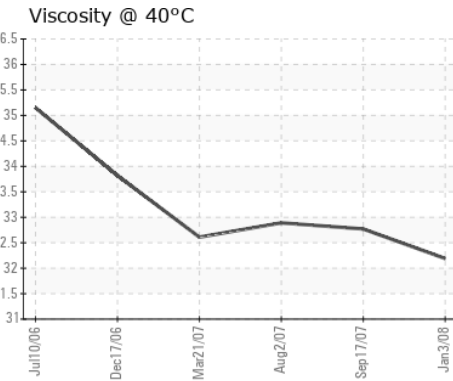
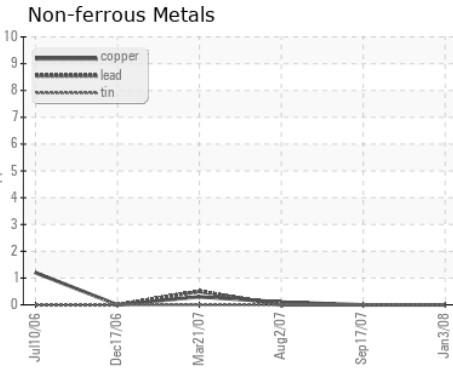
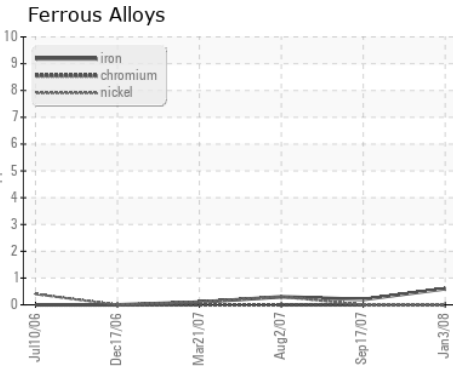
# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	<b>32.19</b>	32.77	32.89

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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : RP47273  
**Lab Number** : 02091159  
**Unique Number** : 4319956  
**Test Package** : IND 2

**Received** : 04 Jan 2008  
**Diagnosed** : 07 Jan 2008  
**Diagnostician** : Doug Bogart

**SYMRISE**  
 601 CRESTWOOD ST  
 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)