

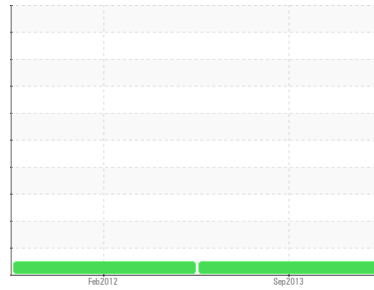


# OIL ANALYSIS REPORT



Area  
**111 Cooper St. Ch#1B [11582]**  
 Machine Id  
**CARRIER 3508Q16363(B)**  
 Component  
**Chiller**  
 Fluid  
**{not provided} (--- GAL)**

## Sample Rating Trend



**NORMAL**



## DIAGNOSIS

### Recommendation

The test results indicate normal wear patterns for this type of unit with moisture and acidity in the acceptable range. The elevated moisture is associated with synthetic oils.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>GTT11582</b>	GTT11583	---
Sample Date	Client Info			<b>20 Sep 2013</b>	28 Feb 2012	---
Oil Changed	Client Info			<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Chromium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Aluminum	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Lead	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Copper	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Tin	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---

ADDITIVES		method	limit/base	current	history1	history2
Zinc	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---

CONTAMINANTS		method	limit/base	current	history1	history2
ppm Water	ppm	ASTM D6304*		<b>372</b>	149	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		<b>0.031</b>	0.032	---

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

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## GRAPHS



**Sample No.** : GTT11582                      **Received** : 27 Sep 2013  
**Lab Number** : 20131529                    **Tested** : 20 Nov 2013  
**Unique Number** : 15923922                **Diagnosed** : 21 Nov 2013 - Wes Davis  
**Test Package** : IND 2 ( Additional Tests: ICP, KF, TAN Auto )

*To discuss this sample report, contact Customer Service at 1-905-847-9300 Ext 26.*

*Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.*

*Damages: Seller shall in no event be liable for special, incidental, or consequential damages, of a commercial nature, resulting from any cause.*

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