



# OIL ANALYSIS REPORT

Sample Rating Trend

WATER



Area  
**NOT GIVEN [261872]**  
 Machine Id  
**1401300007 - CONSOLIDATED**  
 Component  
**Compressor**  
 Fluid  
**{not provided} (--- GAL)**



## DIAGNOSIS

### Recommendation

We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

Moderate concentration of visible dirt/debris present in the oil. There is a light concentration of water present in the oil.

### Fluid Condition

The AN level is acceptable for this fluid.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>UFD06055405</b>	---	---
Sample Date	Client Info	<b>28 Sep 2023</b>	---	---
Machine Age	hrs Client Info	<b>0</b>	---	---
Oil Age	hrs Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>N/A</b>	---	---
Sample Status		<b>ATTENTION</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>50	<b>0</b>	---	---
Chromium ppm ASTM D5185m	>10	<b>0</b>	---	---
Nickel ppm ASTM D5185m		<b>0</b>	---	---
Titanium ppm ASTM D5185m		<b>0</b>	---	---
Silver ppm ASTM D5185m		<b>0</b>	---	---
Aluminum ppm ASTM D5185m	>25	<b>0</b>	---	---
Lead ppm ASTM D5185m	>25	<b>0</b>	---	---
Copper ppm ASTM D5185m	>50	<b>&lt;1</b>	---	---
Tin ppm ASTM D5185m	>15	<b>0</b>	---	---
Vanadium ppm ASTM D5185m		<b>0</b>	---	---
Cadmium ppm ASTM D5185m		<b>0</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		<b>0</b>	---	---
Barium ppm ASTM D5185m		<b>0</b>	---	---
Molybdenum ppm ASTM D5185m		<b>0</b>	---	---
Manganese ppm ASTM D5185m		<b>0</b>	---	---
Magnesium ppm ASTM D5185m		<b>&lt;1</b>	---	---
Calcium ppm ASTM D5185m		<b>1</b>	---	---
Phosphorus ppm ASTM D5185m		<b>131</b>	---	---
Zinc ppm ASTM D5185m		<b>13</b>	---	---
Sulfur ppm ASTM D5185m		<b>0</b>	---	---

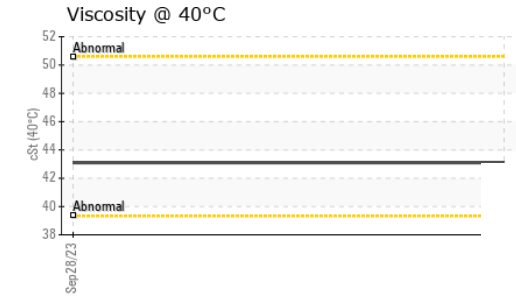
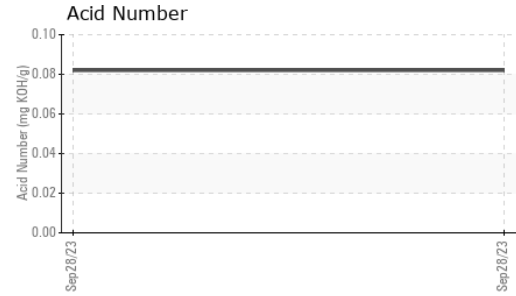
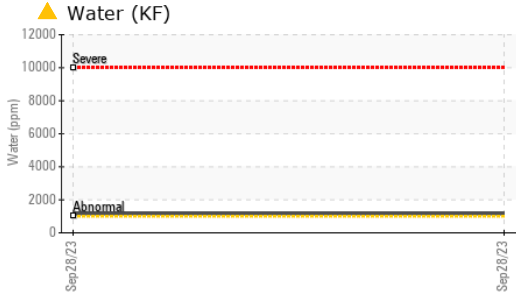
## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>25	<b>&lt;1</b>	---	---
Sodium ppm ASTM D5185m		<b>6</b>	---	---
Potassium ppm ASTM D5185m	>20	<b>0</b>	---	---
Water % ASTM D6304	>0.1	<b>▲ 0.116</b>	---	---
ppm Water ppm ASTM D6304	>1000	<b>▲ 1160</b>	---	---

## FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045		<b>0.082</b>	---	---

# OIL ANALYSIS REPORT



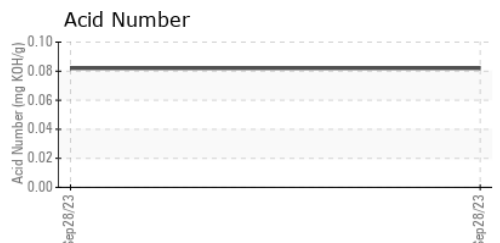
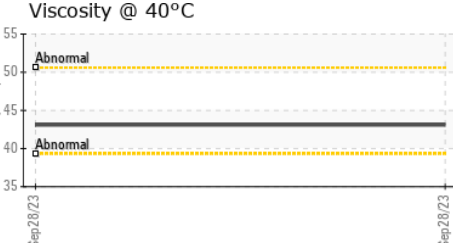
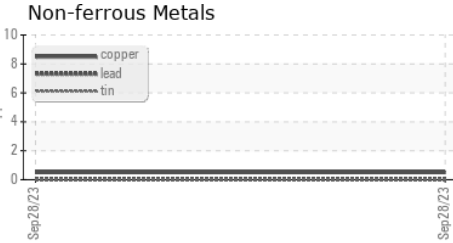
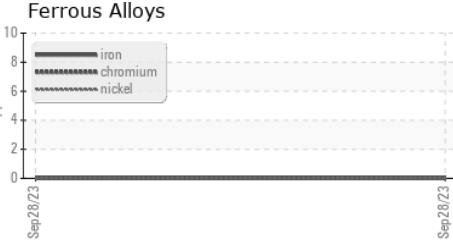
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	▲ 0.2%	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	43.1	---	---

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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UFD06055405 **Received** : 09 Jan 2024  
**Lab Number** : 06055405 **Diagnosed** : 10 Jan 2024  
**Unique Number** : 10821354 **Diagnostician** : Don Baldrige  
**Test Package** : IND 2 ( Additional Tests: KF )

**FLUID-AIRE DYNAMICS**  
 550 ALBION AVE  
 SCHAUMBURG, IL  
 US 60193  
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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)