



# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**{UNASSIGNED}**  
 Machine Id  
**GE-P8762E (S/N 0145)**  
 Component  
**Pump**  
 Fluid  
**ROYAL PURPLE SYNFILM GT 68 (5 GAL)**

## DIAGNOSIS

**Recommendation**  
 Resample at the next service interval to monitor.

**Wear**  
 All component wear rates are normal.

**Contamination**  
 The water content is negligible. There is no indication of any contamination in the oil.

**Fluid Condition**  
 The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>RP0044441</b>	---	---
Sample Date	Client Info		<b>30 May 2024</b>	---	---
Machine Age	hrs Client Info		<b>2040</b>	---	---
Oil Age	hrs Client Info		<b>2040</b>	---	---
Oil Changed	Client Info		<b>Not Chngd</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m	>90	<b>0</b>	---	---
Chromium	ppm ASTM D5185m	>5	<b>0</b>	---	---
Nickel	ppm ASTM D5185m	>5	<b>0</b>	---	---
Titanium	ppm ASTM D5185m	>3	<b>0</b>	---	---
Silver	ppm ASTM D5185m	>3	<b>0</b>	---	---
Aluminum	ppm ASTM D5185m	>7	<b>&lt;1</b>	---	---
Lead	ppm ASTM D5185m	>12	<b>0</b>	---	---
Copper	ppm ASTM D5185m	>30	<b>0</b>	---	---
Tin	ppm ASTM D5185m	>9	<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>&lt;1</b>	---	---
Magnesium	ppm ASTM D5185m	90	<b>24</b>	---	---
Calcium	ppm ASTM D5185m		<b>0</b>	---	---
Phosphorus	ppm ASTM D5185m		<b>0</b>	---	---
Zinc	ppm ASTM D5185m		<b>0</b>	---	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m	>60	<b>11</b>	---	---
Sodium	ppm ASTM D5185m		<b>1</b>	---	---
Potassium	ppm ASTM D5185m	>20	<b>&lt;1</b>	---	---
Water	% ASTM D6304	>.1	<b>0.033</b>	---	---
ppm Water	ppm ASTM D6304	>1000	<b>330</b>	---	---

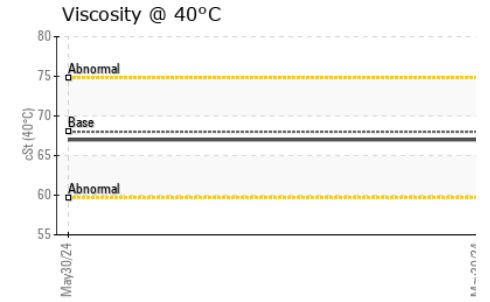
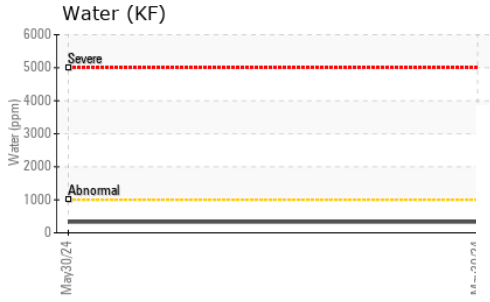
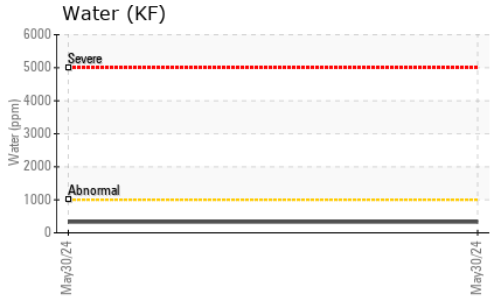
## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045		<b>0.22</b>	---	---

## VISUAL



	method	limit/base	current	history1	history2
White Metal	scalar *Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar *Visual	NONE	<b>NONE</b>	---	---
Precipitate	scalar *Visual	NONE	<b>NONE</b>	---	---
Silt	scalar *Visual	NONE	<b>NONE</b>	---	---
Debris	scalar *Visual	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar *Visual	NONE	<b>NONE</b>	---	---
Appearance	scalar *Visual	NORML	<b>NORML</b>	---	---
Odor	scalar *Visual	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar *Visual	>.1	<b>NEG</b>	---	---
Free Water	scalar *Visual		<b>NEG</b>	---	---

# OIL ANALYSIS REPORT

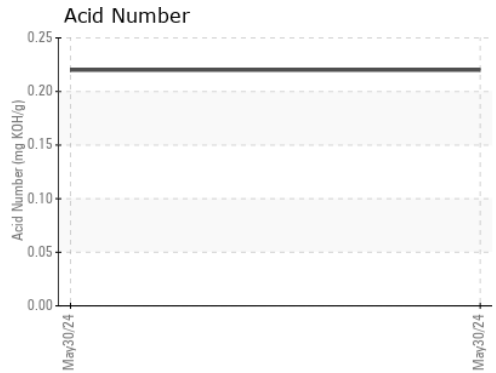
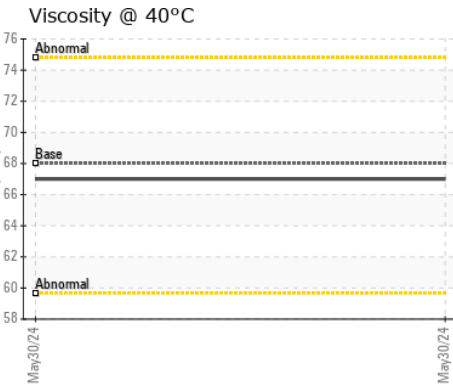
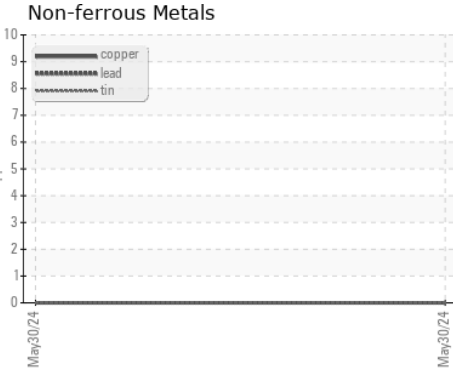
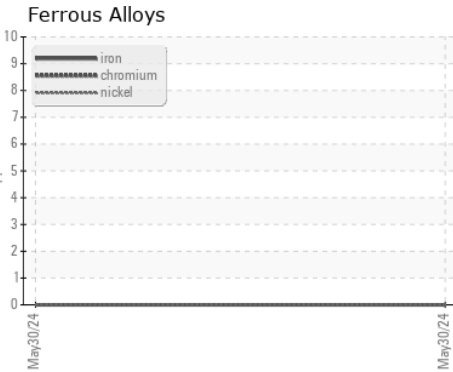


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 68	<b>67.0</b>	---	---

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.** : RP0044441      **Received** : 04 Jun 2024  
**Lab Number** : 06199310      **Tested** : 05 Jun 2024  
**Unique Number** : 11061433      **Diagnosed** : 06 Jun 2024 - Don Baldrige  
**Test Package** : IND 2

**TEAM SUR S.A.S.**

BOGOTA, CO

Contact: Team Sur  
jconde@teamsur.com  
T: (300)740-0654

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)

F: