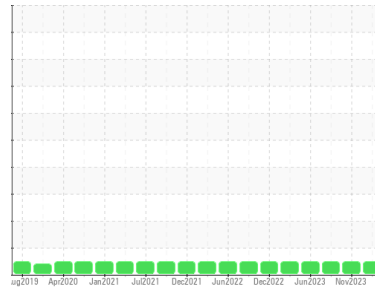




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**WLLR\_U2120 WLLR\_U2120\_P2120**

Component  
**Non-Drive End Pump**

Fluid  
**ROYAL PURPLE SYNFILM GT 32 (--- 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>RP0029161</b>	RP0029191	RP0029146
Sample Date	Client Info	<b>22 Mar 2024</b>	29 Nov 2023	28 Sep 2023
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 >75	<b>&lt;1</b>	0	0
Chromium ppm	ASTM D5185m >5	<b>&lt;1</b>	0	0
Nickel ppm	ASTM D5185m	<b>0</b>	<1	0
Titanium ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Silver ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Aluminum ppm	ASTM D5185m >5	<b>2</b>	<1	2
Lead ppm	ASTM D5185m >10	<b>&lt;1</b>	0	0
Copper ppm	ASTM D5185m >15	<b>&lt;1</b>	<1	<1
Tin ppm	ASTM D5185m	<b>1</b>	<1	<1
Vanadium ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Cadmium ppm	ASTM D5185m	<b>&lt;1</b>	0	0

## ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m	<b>0</b>	0	0
Barium ppm	ASTM D5185m	<b>0</b>	0	0
Molybdenum ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Manganese ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Magnesium ppm	ASTM D5185m	<b>81</b>	87	84
Calcium ppm	ASTM D5185m	<b>4</b>	2	3
Phosphorus ppm	ASTM D5185m	<b>&lt;1</b>	7	3
Zinc ppm	ASTM D5185m	<b>0</b>	0	0

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >20	<b>1</b>	<1	<1
Sodium ppm	ASTM D5185m	<b>0</b>	2	2
Potassium ppm	ASTM D5185m >20	<b>2</b>	2	1
Water %	ASTM D6304 >.1	<b>0.028</b>	0.018	0.022
ppm Water	ASTM D6304 >1000	<b>288</b>	180	224.1

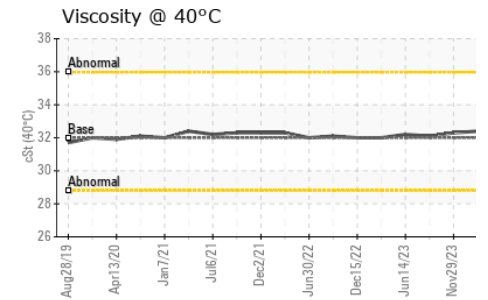
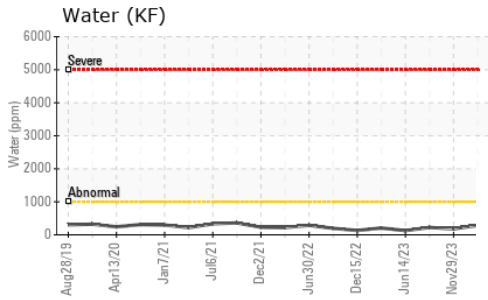
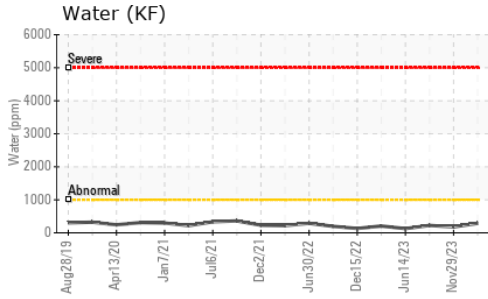
## FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g	ASTM D8045	<b>0.44</b>	0.38	0.38

## VISUAL

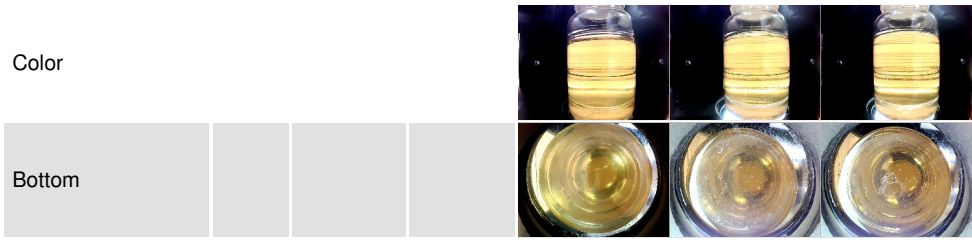
method	limit/base	current	history1	history2
White Metal scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Yellow Metal scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Precipitate scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Silt scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Debris scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
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 >.1	<b>NEG</b>	NEG	NEG
Free Water scalar	*Visual	<b>NEG</b>	Submitt	By: EDDIE BIDDLE

# OIL ANALYSIS REPORT

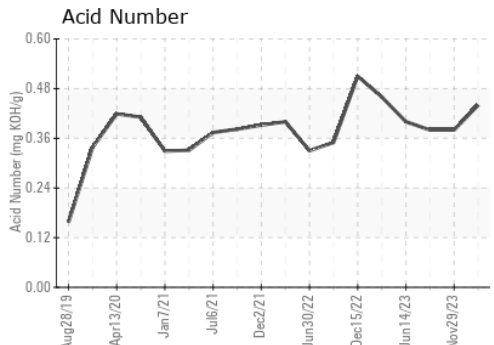
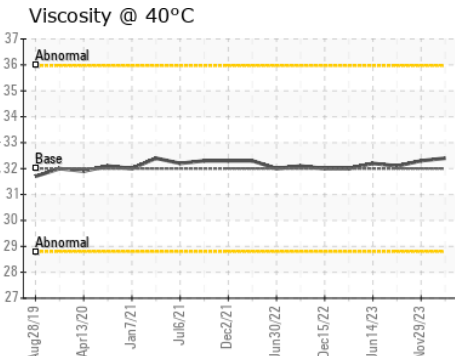
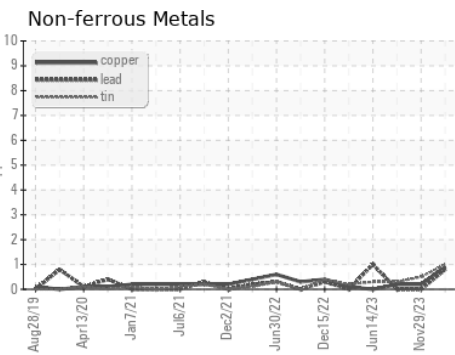
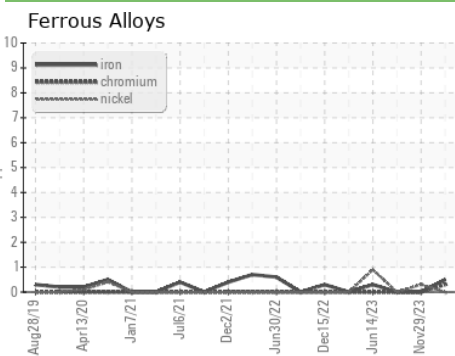


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	32	<b>32.4</b>	32.3	32.1

SAMPLE IMAGES		method	limit/base	current	history1	history2
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## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : RP0029161 **Received** : 27 Mar 2024  
**Lab Number** : **06131441** **Tested** : 01 Apr 2024  
**Unique Number** : 10950906 **Diagnosed** : 01 Apr 2024 - Don Baldrige  
**Test Package** : PLANT

**ENERGY TRANSFER - WILLARD**  
 1309 SOUTH CONWELL ST  
 WILLARD, OH  
 US 44890  
 Contact: EDDIE RIDDLE

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)

T: (419)467-7972

F: