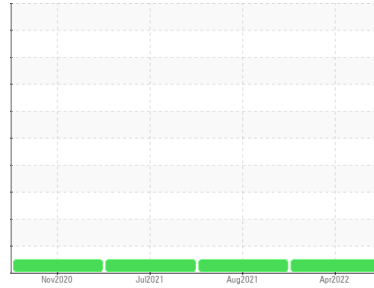


# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**SCOF [97320010]**  
 Machine Id  
**6120 WEST**  
 Component  
**Gearbox**  
 Fluid  
**GEAR OIL ISO 460 (--- 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 oil. The amount and size of particulates present in the system are acceptable.

### 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>PCA0066915</b>	PCA0053983	PCA0053994
Sample Date	Client Info	<b>12 Apr 2022</b>	04 Aug 2021	28 Jul 2021
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>Filtered</b>	Filtered	Filtered
Sample Status		<b>NORMAL</b>	NORMAL	NORMAL

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>200	<b>5</b>	8	7
Chromium ppm ASTM D5185m	>15	<b>0</b>	0	0
Nickel ppm ASTM D5185m	>15	<b>0</b>	0	0
Titanium ppm ASTM D5185m		<b>0</b>	0	0
Silver ppm ASTM D5185m		<b>0</b>	<1	0
Aluminum ppm ASTM D5185m	>25	<b>3</b>	1	6
Lead ppm ASTM D5185m	>100	<b>0</b>	0	<1
Copper ppm ASTM D5185m	>200	<b>0</b>	0	0
Tin ppm ASTM D5185m	>25	<b>0</b>	<1	<1
Antimony ppm ASTM D5185m		<b>---</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	50	<b>0</b>	<1	<1
Barium ppm ASTM D5185m	15	<b>0</b>	0	0
Molybdenum ppm ASTM D5185m	15	<b>0</b>	0	0
Manganese ppm ASTM D5185m		<b>0</b>	<1	<1
Magnesium ppm ASTM D5185m	50	<b>0</b>	0	0
Calcium ppm ASTM D5185m	50	<b>3</b>	5	9
Phosphorus ppm ASTM D5185m	350	<b>312</b>	323	330
Zinc ppm ASTM D5185m	100	<b>4</b>	0	6
Sulfur ppm ASTM D5185m	12500	<b>317</b>	387	349

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>50	<b>&lt;1</b>	2	<1
Sodium ppm ASTM D5185m		<b>0</b>	1	<1
Potassium ppm ASTM D5185m	>20	<b>1</b>	<1	<1
Water % ASTM D6304	>0.2	<b>0.008</b>	0.020	0.005
ppm Water ppm ASTM D6304	>2000	<b>81.2</b>	202.2	52.4

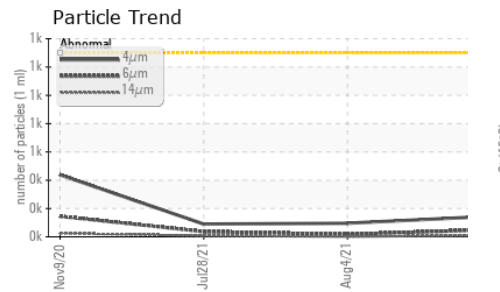
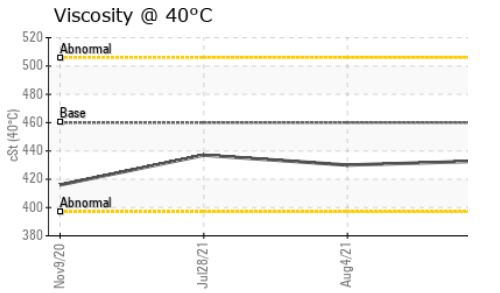
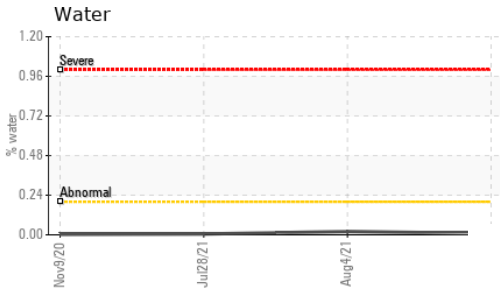
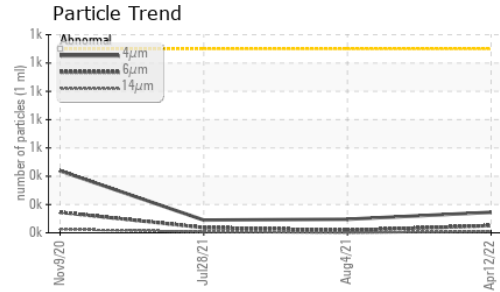
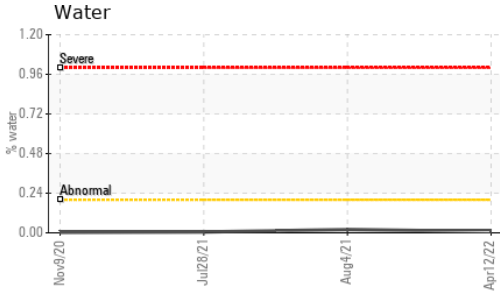
## FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm ASTM D7647	>1300	<b>145</b>	96	90
Particles >6µm ASTM D7647	>320	<b>51</b>	17	37
Particles >14µm ASTM D7647	>80	<b>9</b>	1	7
Particles >21µm ASTM D7647	>20	<b>3</b>	0	3
Particles >38µm ASTM D7647	>4	<b>0</b>	0	2
Particles >71µm ASTM D7647	>3	<b>0</b>	0	1
Oil Cleanliness ISO 4406 (c)	>17/15/13	<b>14/13/10</b>	14/11/7	14/12/10

## FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045	0.85	<b>0.26</b>	0.236	0.214

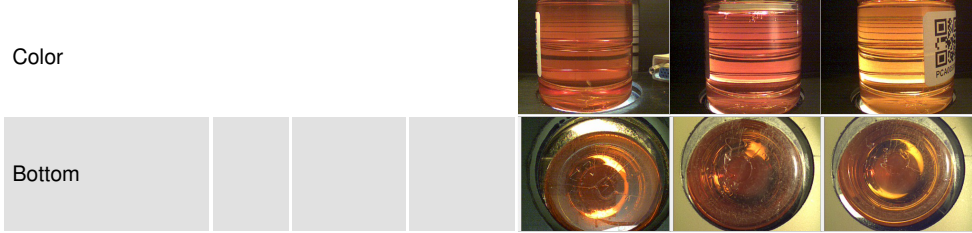
# OIL ANALYSIS REPORT



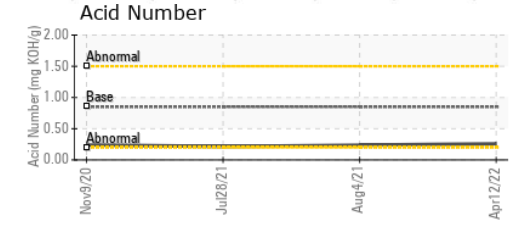
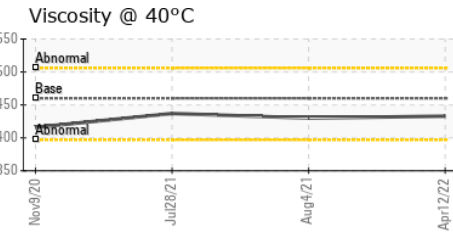
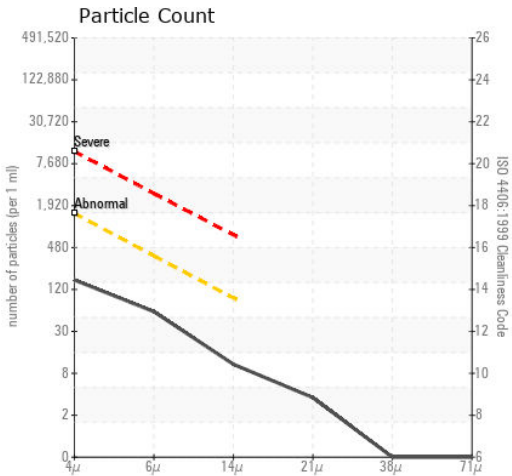
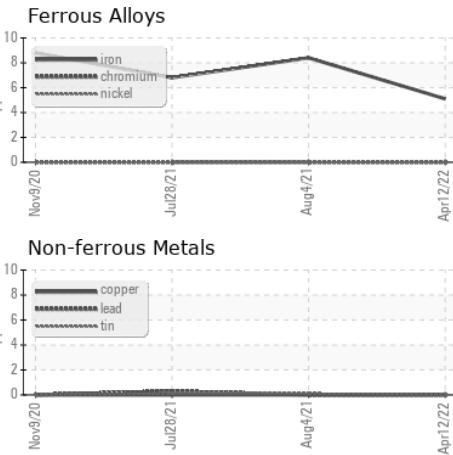
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	460	433	430

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0066915  
**Lab Number** : 05541218  
**Unique Number** : 9970508  
**Test Package** : IND 2 ( Additional Tests: KF, PrtCount )

**KraftHeinz - Springfield - Plant 8311 PCA**  
 2035 E BENNETT  
 SPRINGFIELD, MO  
 US 65804  
 Contact: Service Manager

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:  
F: