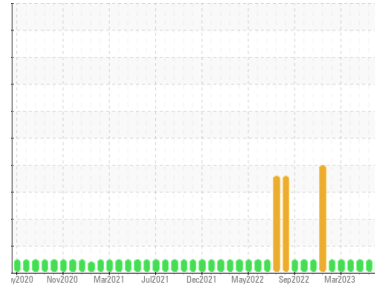


# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**[98300650]**  
 Machine Id  
**KR-GR-003112 - EAST DUMPER (S/N MIX C - 11513062)**  
 Component  
**Hydraulic System**  
 Fluid  
**AW HYDRAULIC OIL ISO 68 (--- 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.

### Fluid Condition

The condition of the oil is acceptable for the time in service.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>PCA0099357</b>	PCA0097822	PCA0093107
Sample Date	Client Info	<b>06 Jul 2023</b>	31 May 2023	29 Apr 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 >20	<b>10</b>	8	11
Chromium	ppm ASTM D5185m >20	<b>5</b>	4	3
Nickel	ppm ASTM D5185m >20	<b>&lt;1</b>	<1	<1
Titanium	ppm ASTM D5185m	<b>0</b>	0	0
Silver	ppm ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm ASTM D5185m >20	<b>5</b>	4	2
Lead	ppm ASTM D5185m >20	<b>0</b>	0	0
Copper	ppm ASTM D5185m >20	<b>&lt;1</b>	<1	<1
Tin	ppm ASTM D5185m >20	<b>&lt;1</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 5	<b>0</b>	0	0
Barium	ppm ASTM D5185m 5	<b>0</b>	0	0
Molybdenum	ppm ASTM D5185m 5	<b>0</b>	<1	0
Manganese	ppm ASTM D5185m	<b>&lt;1</b>	<1	0
Magnesium	ppm ASTM D5185m 25	<b>0</b>	0	0
Calcium	ppm ASTM D5185m 200	<b>0</b>	<1	0
Phosphorus	ppm ASTM D5185m 300	<b>365</b>	364	348
Zinc	ppm ASTM D5185m 370	<b>0</b>	2	7
Sulfur	ppm ASTM D5185m 2500	<b>537</b>	542	413

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >15	<b>2</b>	<1	2
Sodium	ppm ASTM D5185m	<b>1</b>	1	0
Potassium	ppm ASTM D5185m >20	<b>1</b>	1	2

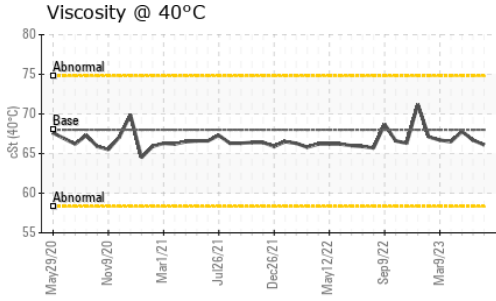
## VISUAL

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 >0.05	<b>NEG</b>	NEG	NEG
Free Water	scalar *Visual	<b>NEG</b>	NEG	NEG

## FLUID PROPERTIES

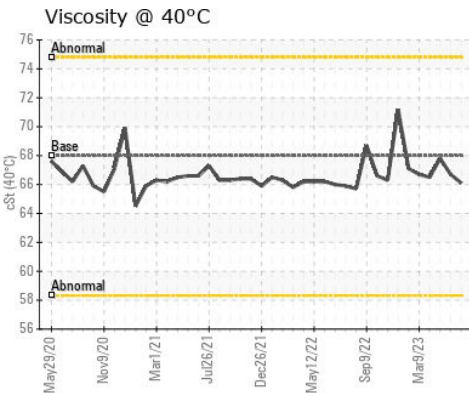
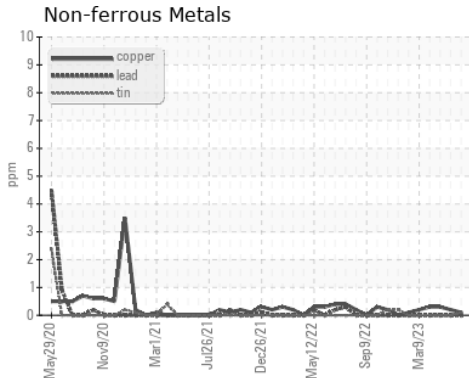
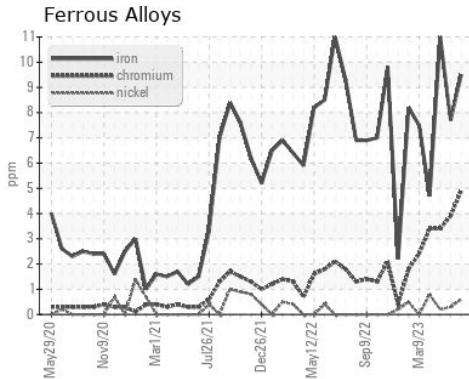
method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 68	<b>66.1</b>	66.7	67.8

# OIL ANALYSIS REPORT



SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0099357  
**Lab Number** : 05895455  
**Unique Number** : 10551265  
**Test Package** : IND 1

**Received** : 11 Jul 2023  
**Diagnosed** : 13 Jul 2023  
**Diagnostician** : Angela Borella

**KraftHeinz - Kirksville - Plant 8333 PCA**  
 2504 INDUSTRIAL DR  
 KIRKSVILLE, MO  
 US 63501  
 Contact: WALLACE WARD  
 wallace.ward@kraftheinzcompany.com  
 T: (660)627-1031  
 F: (660)627-5887

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)