

# OIL ANALYSIS REPORT

## Sample Rating Trend



ISO



Area  
**PASTA [98923228]**  
 Machine Id  
**C PRESS TRANS SIDE 1**  
 Component  
**East Transmission**  
 Fluid  
**ISO 320 (--- GAL)**

## DIAGNOSIS

### Recommendation

The fluid filtered at the time of sampling has been noted. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

There is a high amount of particulates present in the fluid.

### Fluid Condition

The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>PCA0124883</b>	---	---
Sample Date	Client Info	<b>25 May 2024</b>	---	---
Machine Age	hrs Client Info	<b>0</b>	---	---
Oil Age	hrs Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>Filtered</b>	---	---
Sample Status		<b>ABNORMAL</b>	---	---

## CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	<b>NEG</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >200	<b>&lt;1</b>	---	---
Chromium	ppm ASTM D5185m >10	<b>&lt;1</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 >50	<b>2</b>	---	---
Lead	ppm ASTM D5185m >50	<b>0</b>	---	---
Copper	ppm ASTM D5185m >200	<b>0</b>	---	---
Tin	ppm ASTM D5185m >10	<b>&lt;1</b>	---	---
Vanadium	ppm ASTM D5185m	<b>&lt;1</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>113</b>	---	---
Zinc	ppm ASTM D5185m	<b>5</b>	---	---
Sulfur	ppm ASTM D5185m	<b>258</b>	---	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >50	<b>3</b>	---	---
Sodium	ppm ASTM D5185m	<b>4</b>	---	---
Potassium	ppm ASTM D5185m >20	<b>&lt;1</b>	---	---

## FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >1300	<b>▲ 28206</b>	---	---
Particles >6µm	ASTM D7647 >320	<b>▲ 5567</b>	---	---
Particles >14µm	ASTM D7647 >80	<b>▲ 268</b>	---	---
Particles >21µm	ASTM D7647 >20	<b>▲ 59</b>	---	---
Particles >38µm	ASTM D7647 >4	<b>3</b>	---	---
Particles >71µm	ASTM D7647 >3	<b>1</b>	---	---
Oil Cleanliness	ISO 4406 (c) >17/15/13	<b>▲ 22/20/15</b>	---	---

## FLUID DEGRADATION

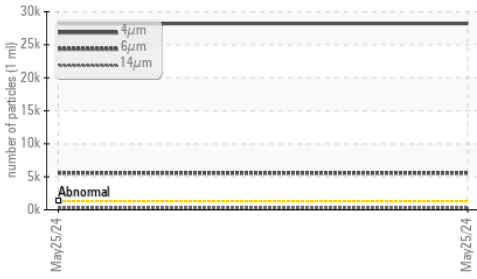
method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045	<b>0.31</b>	---	---

# OIL ANALYSIS REPORT

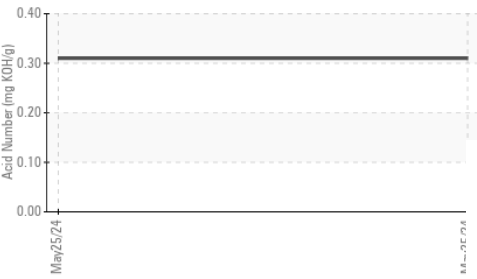
**▲ Particle Trend**



**▲ Particle Trend**



**Acid Number**



**Viscosity @ 40°C**



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>LIGHT</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	>0.1	<b>NEG</b>	---
Free Water	scalar	*Visual		<b>NEG</b>	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	320	<b>296</b>	---

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

**GRAPHS**

<p><b>Ferrous Alloys</b></p>	<p><b>▲ Particle Count</b></p>
<p><b>Non-ferrous Metals</b></p>	<p><b>Acid Number</b></p>
<p><b>Viscosity @ 40°C</b></p>	



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0124883  
**Lab Number** : 06199101  
**Unique Number** : 11061224  
**Test Package** : IND 2 ( Additional Tests: PrtCount )

**Received** : 04 Jun 2024  
**Tested** : 06 Jun 2024  
**Diagnosed** : 06 Jun 2024 - Don Baldrige

**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)