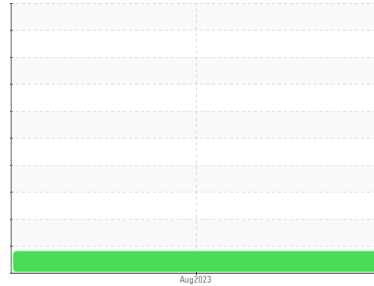


OIL ANALYSIS REPORT



Area
EXCAVATOR
 Machine Id
CATERPILLAR 325F 2448
 Component
Left Final Drive
 Fluid
NOT GIVEN (--- GAL)

Sample Rating Trend

WEAR

DIAGNOSIS
Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. (Customer Sample Comment: Left Final Drive)

Wear

Gear wear is indicated. All other 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		PCA0064441	---	---
Sample Date	Client Info		23 Aug 2023	---	---
Machine Age	hrs	Client Info	5971	---	---
Oil Age	hrs	Client Info	5971	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >800	▲ 934	---	---
Chromium	ppm	ASTM D5185m >10	6	---	---
Nickel	ppm	ASTM D5185m >5	1	---	---
Titanium	ppm	ASTM D5185m >15	4	---	---
Silver	ppm	ASTM D5185m >2	0	---	---
Aluminum	ppm	ASTM D5185m >75	55	---	---
Lead	ppm	ASTM D5185m >10	1	---	---
Copper	ppm	ASTM D5185m >75	3	---	---
Tin	ppm	ASTM D5185m >8	<1	---	---
Vanadium	ppm	ASTM D5185m	<1	---	---
Cadmium	ppm	ASTM D5185m	<1	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<1	---	---
Barium	ppm	ASTM D5185m	0	---	---
Molybdenum	ppm	ASTM D5185m	<1	---	---
Manganese	ppm	ASTM D5185m	10	---	---
Magnesium	ppm	ASTM D5185m	53	---	---
Calcium	ppm	ASTM D5185m	3499	---	---
Phosphorus	ppm	ASTM D5185m	1123	---	---
Zinc	ppm	ASTM D5185m	1391	---	---
Sulfur	ppm	ASTM D5185m	7523	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >400	287	---	---
Sodium	ppm	ASTM D5185m	8	---	---
Potassium	ppm	ASTM D5185m >20	23	---	---

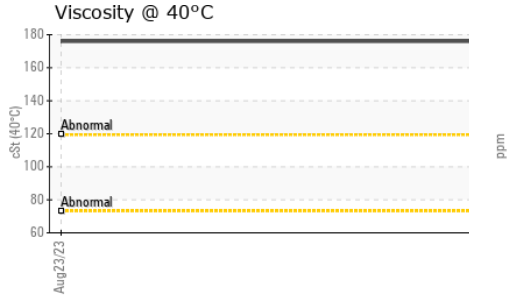
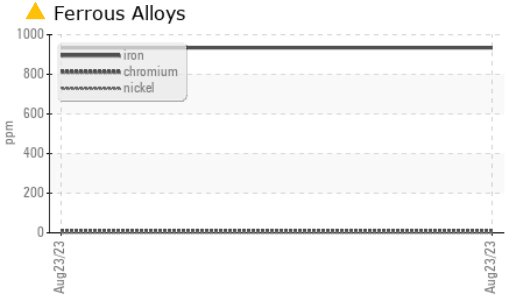
VISUAL

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

FLUID PROPERTIES

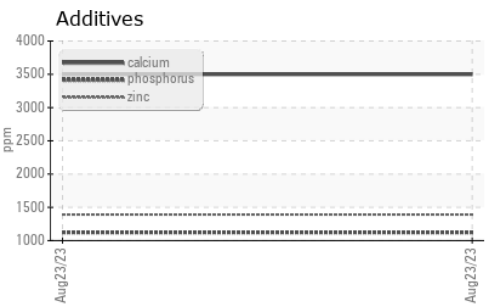
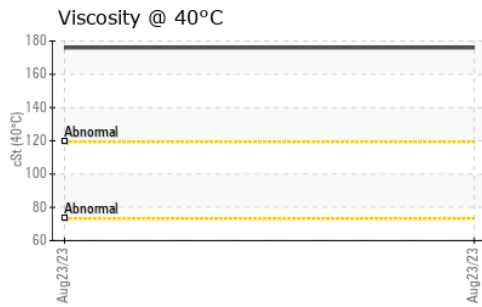
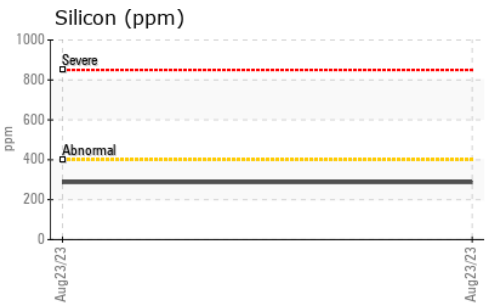
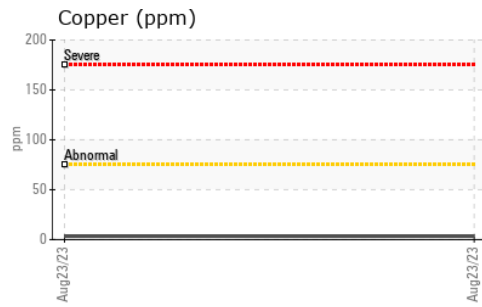
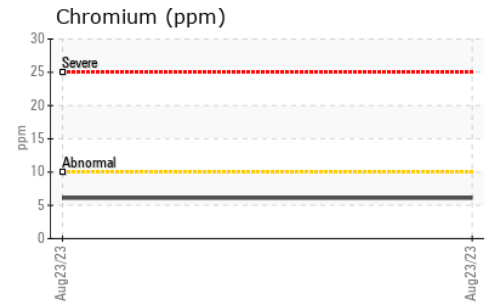
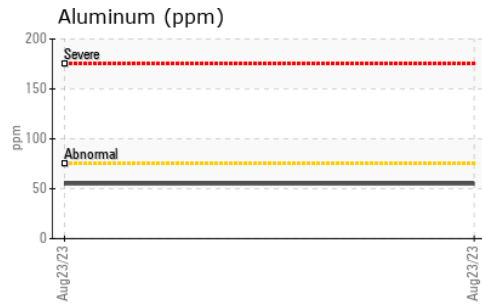
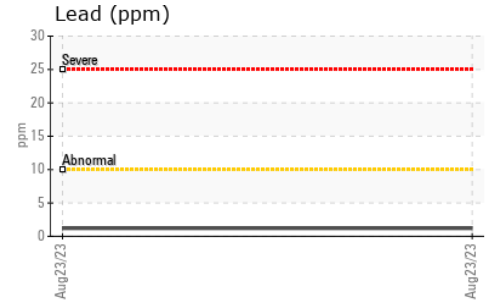
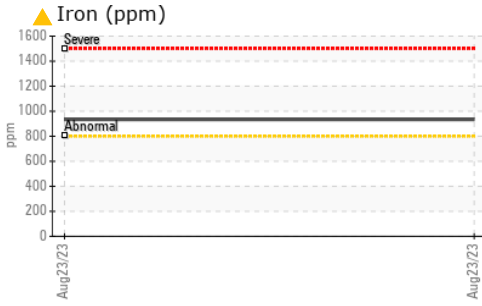
	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	176	---	---

OIL ANALYSIS REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0064441 **Received** : 28 Aug 2023
Lab Number : 05936849 **Diagnosed** : 31 Aug 2023
Unique Number : 10622120 **Diagnostician** : Don Baldrige
Test Package : MOB 1

D-CONSTRUCTION
 1488 S BROADWAY
 COAL CITY, IL
 US 60416
 Contact: MICHAEL MCKEE
 m.mckee@dconstruction.com
 T:
 F:

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)