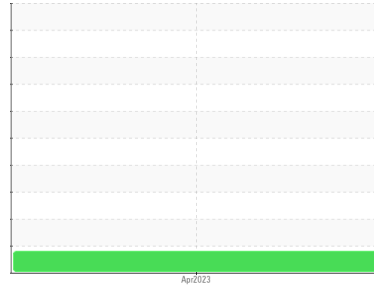




PROBLEM SUMMARY

Sample Rating Trend



ISO



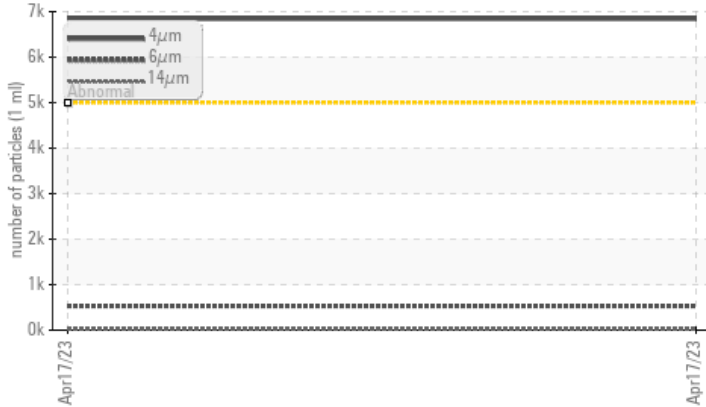
Machine Id
NOT GIVEN WC0695720

Component
Hydraulic System

Fluid
Hydraulic System Oil (--- GAL)

COMPONENT CONDITION SUMMARY

▲ Particle Trend



RECOMMENDATION

No corrective action is recommended at this time.
Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status			ATTENTION	---	---
Particles >4µm	ASTM D7647	>5000	▲ 6844	---	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	▲ 20/16/11	---	---

Customer Id: PALJACNJ
Sample No.: WC0695720
Lab Number: 05822605
Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:
Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



ISO



Machine Id
NOT GIVEN WC0695720
 Component
Hydraulic System
 Fluid
Hydraulic System Oil (--- GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

▲ Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present 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	WC0695720	---	---
Sample Date	Client Info	17 Apr 2023	---	---
Machine Age	hrs	Client Info	0	---
Oil Age	hrs	Client Info	0	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ATTENTION	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >20	1	---
Chromium	ppm	ASTM D5185m >10	0	---
Nickel	ppm	ASTM D5185m >10	<1	---
Titanium	ppm	ASTM D5185m	0	---
Silver	ppm	ASTM D5185m	0	---
Aluminum	ppm	ASTM D5185m >10	0	---
Lead	ppm	ASTM D5185m >10	0	---
Copper	ppm	ASTM D5185m >75	<1	---
Tin	ppm	ASTM D5185m >10	0	---
Vanadium	ppm	ASTM D5185m	0	---
Cadmium	ppm	ASTM D5185m	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	---
Barium	ppm	ASTM D5185m	0	---
Molybdenum	ppm	ASTM D5185m	<1	---
Manganese	ppm	ASTM D5185m	<1	---
Magnesium	ppm	ASTM D5185m	6	---
Calcium	ppm	ASTM D5185m	68	---
Phosphorus	ppm	ASTM D5185m	348	---
Zinc	ppm	ASTM D5185m	448	---
Sulfur	ppm	ASTM D5185m	1347	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	<1	---
Sodium	ppm	ASTM D5185m	<1	---
Potassium	ppm	ASTM D5185m >20	<1	---

FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	▲ 6844	---
Particles >6µm	ASTM D7647	>1300	531	---
Particles >14µm	ASTM D7647	>160	19	---
Particles >21µm	ASTM D7647	>40	5	---
Particles >38µm	ASTM D7647	>10	0	---
Particles >71µm	ASTM D7647	>3	0	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	▲ 20/16/11	---

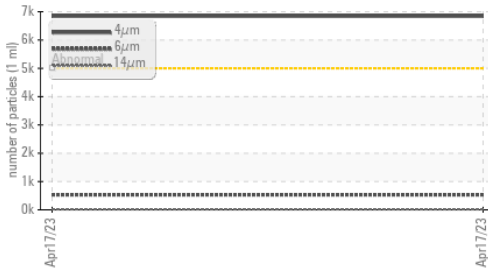
FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.33	---

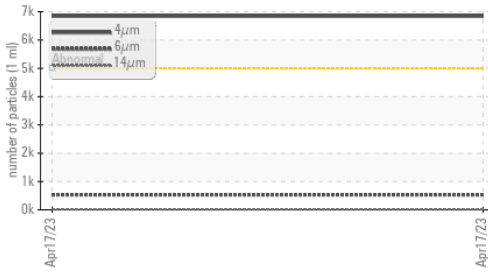


OIL ANALYSIS REPORT

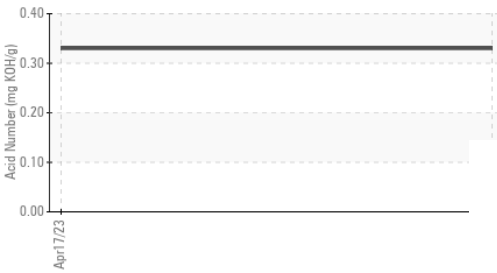
▲ Particle Trend



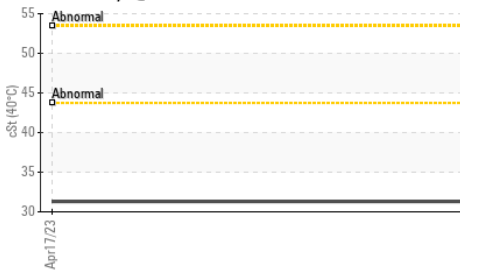
▲ Particle Trend



Acid Number




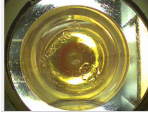
Viscosity @ 40°C



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	>0.1	NEG	---	---
Free Water	scalar	*Visual		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	31.3	---	---

SAMPLE IMAGES

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

GRAPHS

Ferrous Alloys



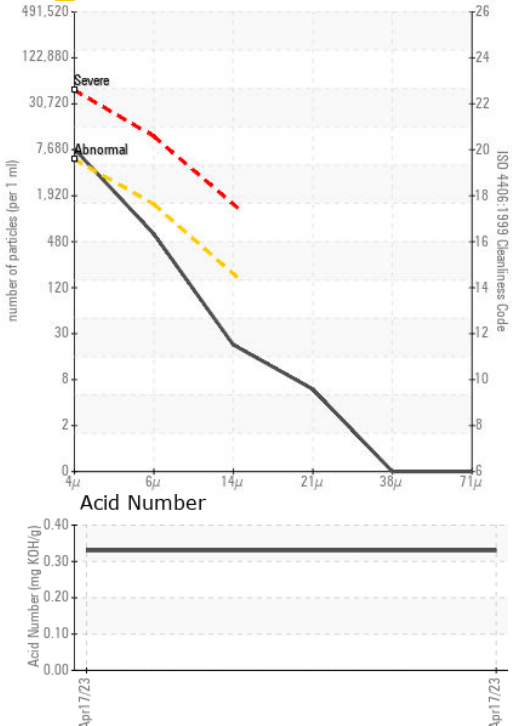
Non-ferrous Metals



Viscosity @ 40°C



▲ Particle Count



Acid Number



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0695720 **Received** : 18 Apr 2023
Lab Number : 05822605 **Diagnosed** : 20 Apr 2023
Unique Number : 10430688 **Diagnostician** : Don Baldrige
Test Package : CONST

PALFINGER - BRANCH 410
 632 CEDAR SWAMP RD
 JACKSON, NJ
 US 08527
 Contact: ANTHONY HARTIGAN
 a.hartigan@palfinger.com

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: