



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id  
**FILLER 5 HPU**  
 Component  
**Hydraulic System**  
 Fluid  
**CERTIFIED HITOP FG 68 (50 GAL)**

## RECOMMENDATION

No corrective action is recommended at this time. The filtration at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PH0001364	---	---
Sample Date		Client Info		19 Apr 2024	---	---
Machine Age	yrs	Client Info		0	---	---
Oil Age	yrs	Client Info		4	---	---
Filter Age	yrs	Client Info		1	---	---
Oil Changed		Client Info		Filtered	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				ABNORMAL	---	---

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>20	0	---	---
Chromium	ppm	ASTM D5185m	>20	0	---	---
Nickel	ppm	ASTM D5185m	>20	0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>20	0	---	---
Lead	ppm	ASTM D5185m	>20	0	---	---
Copper	ppm	ASTM D5185m	>20	0	---	---
Tin	ppm	ASTM D5185m	>20	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

## CONTAMINATION

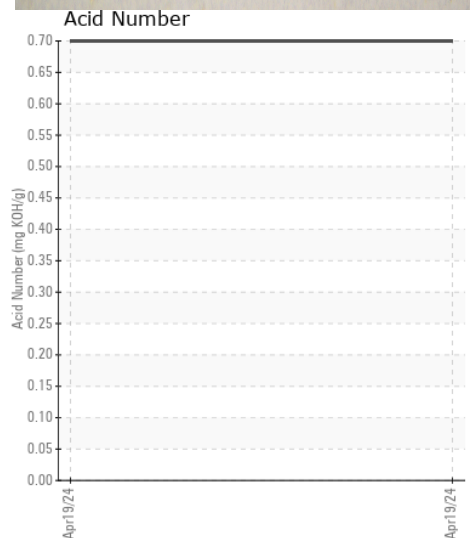
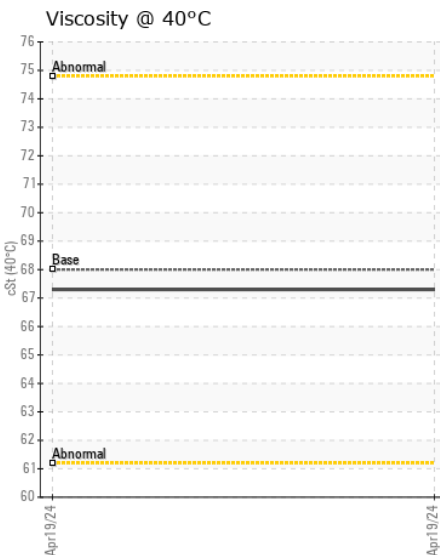
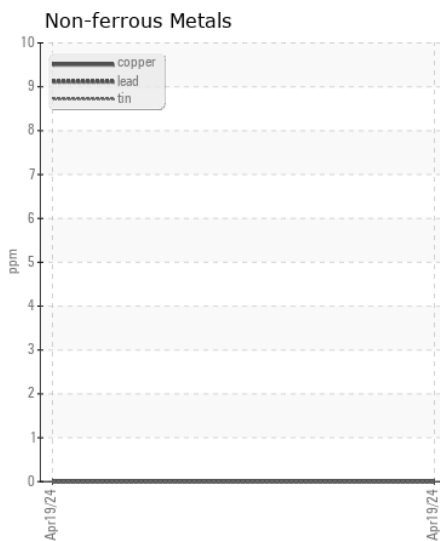
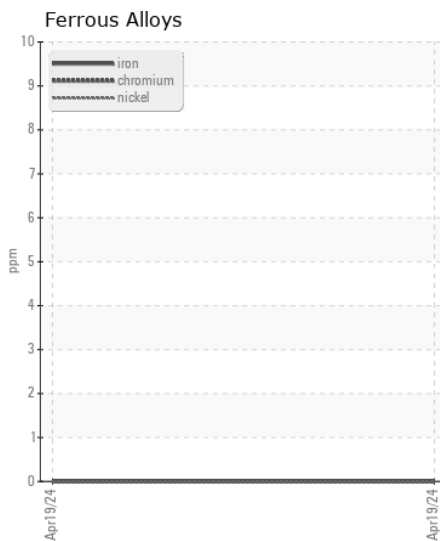
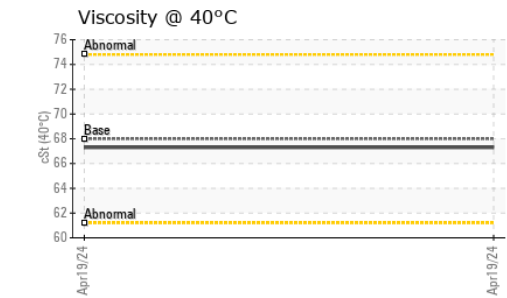
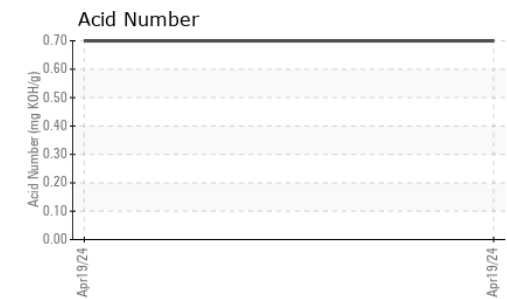
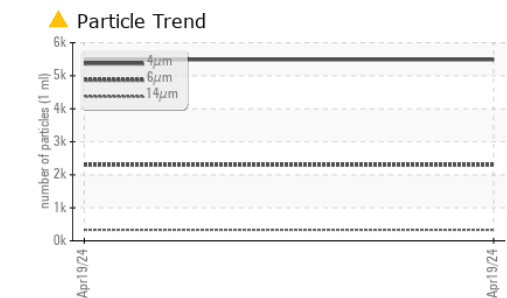
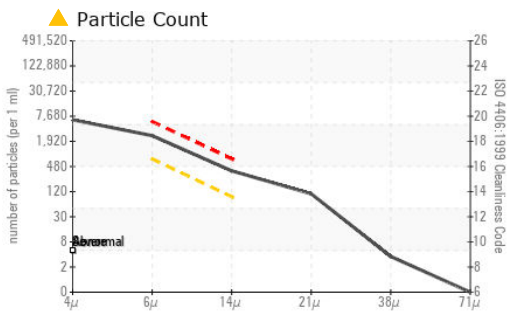
There is a high amount of particulates present in the oil. The system cleanliness is above the acceptable limit for the target ISO 4406 cleanliness code.

Silicon	ppm	ASTM D5185m	>15	0	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---
Water		WC Method	>0.05	NEG	---	---
Particles >4µm		ASTM D7647		5487	---	---
Particles >6µm		ASTM D7647	>640	▲ 2298	---	---
Particles >14µm		ASTM D7647	>80	▲ 332	---	---
Particles >21µm		ASTM D7647	>20	▲ 94	---	---
Particles >38µm		ASTM D7647	>4	3	---	---
Particles >71µm		ASTM D7647	>3	0	---	---
Oil Cleanliness		ISO 4406 (c)	>-/16/13	▲ 20/18/16	---	---
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	>0.05	NEG	---	---

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		1	---	---
Boron	ppm	ASTM D5185m		0	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		0	---	---
Magnesium	ppm	ASTM D5185m		0	---	---
Calcium	ppm	ASTM D5185m		<1	---	---
Phosphorus	ppm	ASTM D5185m		625	---	---
Zinc	ppm	ASTM D5185m		10	---	---
Sulfur	ppm	ASTM D5185m		608	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		0.70	---	---
Visc @ 40°C	cSt	ASTM D445	68	67.3	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
 Sample No. : PH0001364  
 Lab Number : 06197606  
 Unique Number : 11059729  
 Test Package : PLANT ( Additional Tests: PrtFilter )

J.G. BOSWELL CO - KERN TOMATO  
 36889 HWY 58  
 BUTTONWILLOW, CA  
 US 93206  
 Contact: DENNIS COLLINS

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: