



WEAR  
CONTAMINATION  
FLUID CONDITION

**ATTENTION**  
**NORMAL**  
**NORMAL**

Area

**LAMPHER**

Machine Id

**ZF 20039517**

Component

**Port Transmission**

Fluid

**SAE 30W (--- GAL)**

### RECOMMENDATION

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

### WEAR

Clutch wear is indicated.

### CONTAMINATION

There is no indication of any contamination in the fluid.

### FLUID CONDITION

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

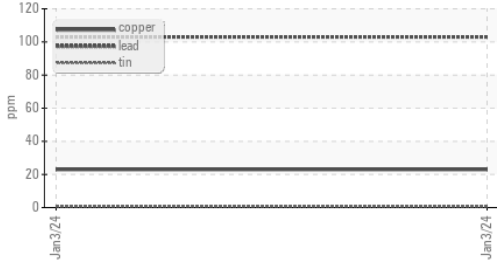
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VPA045593	---	---
Sample Date		Client Info		03 Jan 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ATTENTION	---	---

PQ		ASTM D8184		13	---	---
Iron	ppm	ASTM D5185m	>200	2	---	---
Chromium	ppm	ASTM D5185m	>10	0	---	---
Nickel	ppm	ASTM D5185m		0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>50	1	---	---
Lead	ppm	ASTM D5185m	>50	▲ 103	---	---
Copper	ppm	ASTM D5185m	>200	23	---	---
Tin	ppm	ASTM D5185m	>10	<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

Silicon	ppm	ASTM D5185m	>50	2	---	---
Potassium	ppm	ASTM D5185m	>20	<1	---	---
Water		WC Method	>0.1	NEG	---	---
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	---	---

Sodium	ppm	ASTM D5185m		78	---	---
Boron	ppm	ASTM D5185m		144	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		64	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		444	---	---
Calcium	ppm	ASTM D5185m		1117	---	---
Phosphorus	ppm	ASTM D5185m		703	---	---
Zinc	ppm	ASTM D5185m		761	---	---
Sulfur	ppm	ASTM D5185m		2933	---	---
Visc @ 40°C	cSt	ASTM D445	95.0	83.7	---	---

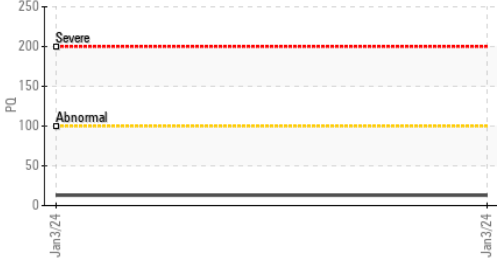
▲ Non-ferrous Metals



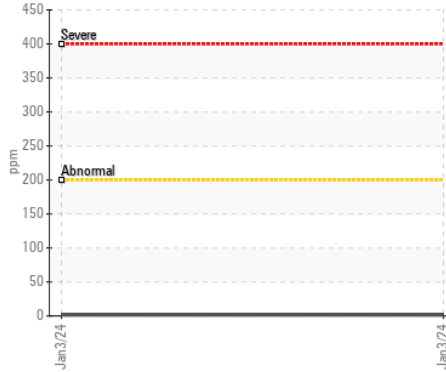
Viscosity @ 40°C



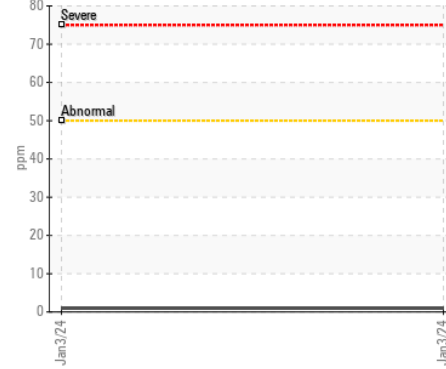
PQ



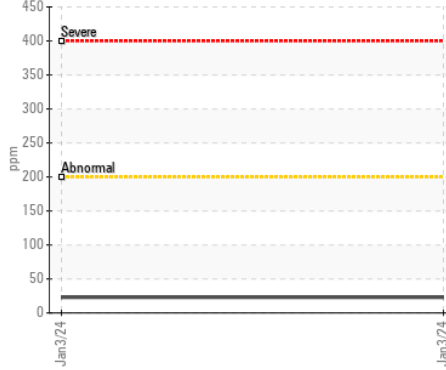
Iron (ppm)



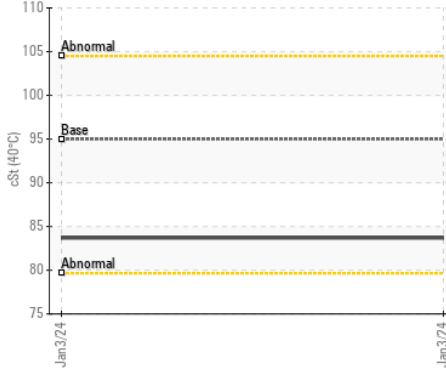
Aluminum (ppm)



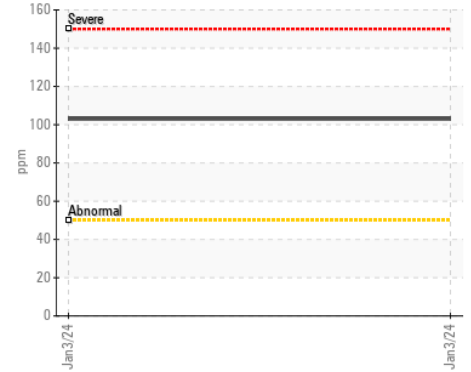
Copper (ppm)



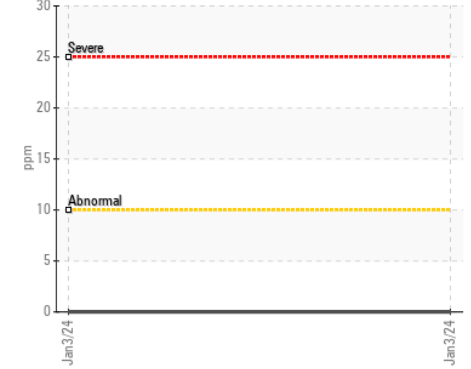
Viscosity @ 40°C



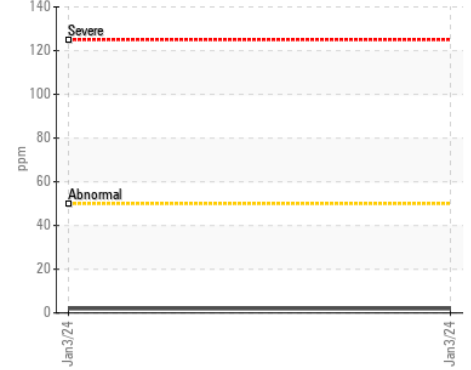
▲ Lead (ppm)



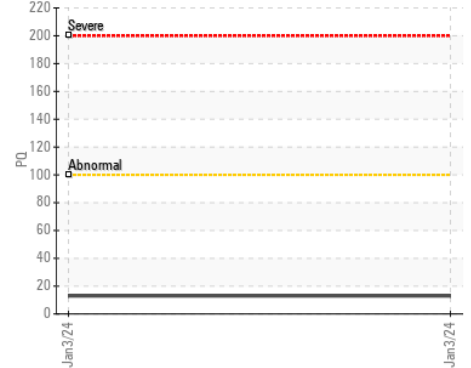
Chromium (ppm)



Silicon (ppm)



PQ



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VPA045593 **Received** : 09 Jan 2024  
**Lab Number** : 06055601 **Diagnosed** : 10 Jan 2024  
**Unique Number** : 10821550 **Diagnostician** : Jonathan Hester  
**Test Package** : MOB 1 ( Additional Tests: PQ )

**Aqua Yacht Harbor Marina**  
 3832 Hwy. 25 North, 3832 Hwy. 25 North  
 IUKA, MS  
 US 38852  
 Contact: DENNIS KANIZAI  
 dkanizai@shmarinas.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: