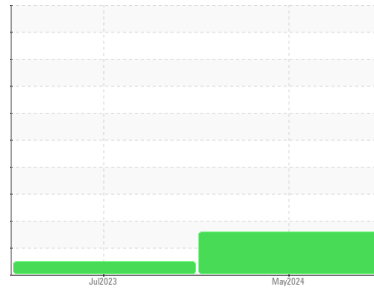




OIL ANALYSIS REPORT

Sample Rating Trend



ISO



Machine Id
PRESS 2
 Component
Hydraulic System
 Fluid
 {not provided} (500 GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. 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 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		PH0000662	PH0000790	---
Sample Date	Client Info		12 May 2024	23 Jul 2023	---
Machine Age	mths	Client Info	0	18	---
Oil Age	mths	Client Info	0	18	---
Oil Changed	Client Info		N/A	Changed	---
Sample Status			ABNORMAL	NORMAL	---

CONTAMINATION	method	limit/base	current	history1	history2
Water	WC Method	>0.05	NEG	NEG	---

WEAR METALS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >20	<1	1	---
Chromium	ppm	ASTM D5185m >20	0	0	---
Nickel	ppm	ASTM D5185m >20	0	<1	---
Titanium	ppm	ASTM D5185m	0	0	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >20	0	<1	---
Lead	ppm	ASTM D5185m >20	0	0	---
Copper	ppm	ASTM D5185m >20	6	1	---
Tin	ppm	ASTM D5185m >20	<1	<1	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

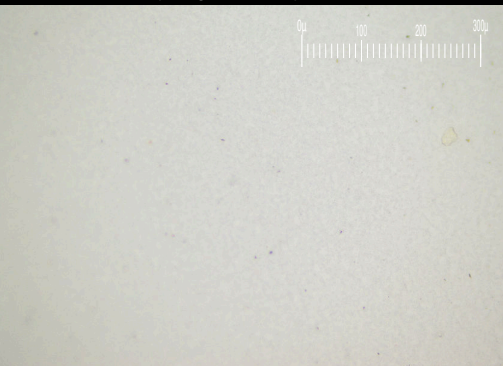
ADDITIVES	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	---
Barium	ppm	ASTM D5185m	0	0	---
Molybdenum	ppm	ASTM D5185m	0	<1	---
Manganese	ppm	ASTM D5185m	1	<1	---
Magnesium	ppm	ASTM D5185m	135	132	---
Calcium	ppm	ASTM D5185m	708	654	---
Phosphorus	ppm	ASTM D5185m	330	302	---
Zinc	ppm	ASTM D5185m	373	383	---
Sulfur	ppm	ASTM D5185m	3076	3233	---

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	<1	<1	---
Sodium	ppm	ASTM D5185m	2	0	---
Potassium	ppm	ASTM D5185m >20	0	2	---

FLUID CLEANLINESS	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>10000	▲ 24327	2386	---
Particles >6µm	ASTM D7647	>2500	▲ 8928	619	---
Particles >14µm	ASTM D7647	>320	● 580	62	---
Particles >21µm	ASTM D7647	>80	100	23	---
Particles >38µm	ASTM D7647	>20	3	1	---
Particles >71µm	ASTM D7647	>4	0	0	---
Oil Cleanliness	ISO 4406 (c)	>20/18/15	▲ 22/20/16	18/16/13	---

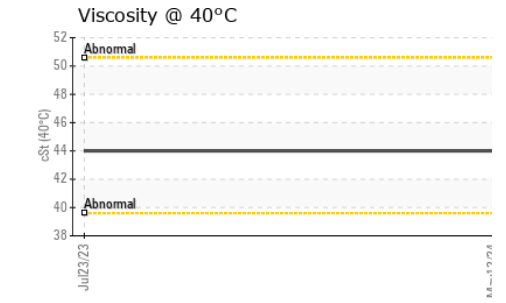
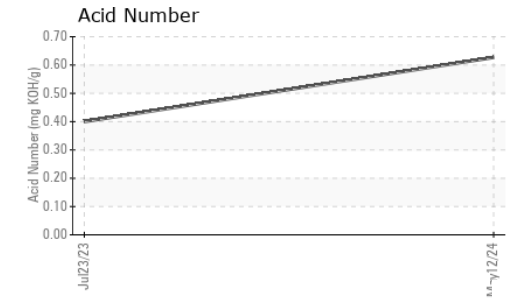
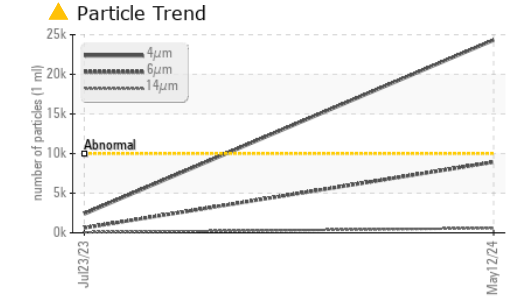
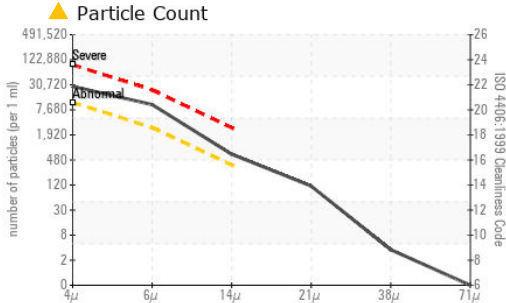
FLUID DEGRADATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.627	0.40	---

Particle Filter (Magn: 200 x)





OIL ANALYSIS REPORT

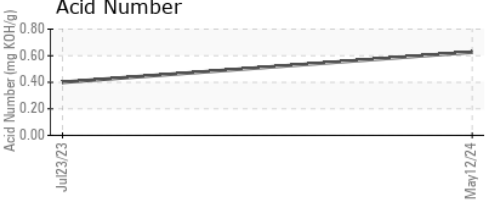
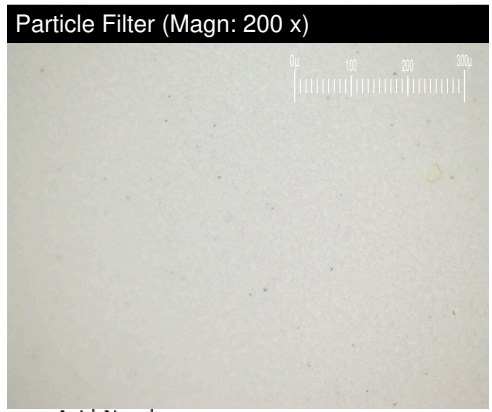
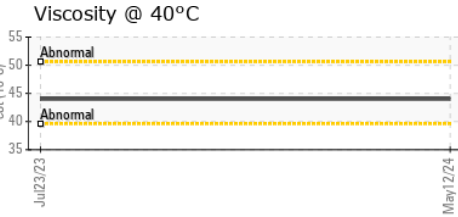
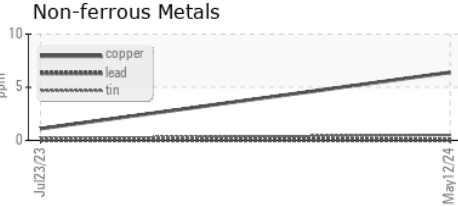
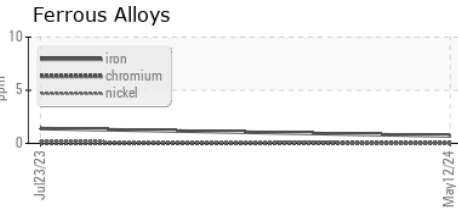


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.05	NEG	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	44.0	44.0	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PH0000662 **Received** : 13 May 2024
Lab Number : 06177106 **Tested** : 16 May 2024
Unique Number : 11023159 **Diagnosed** : 16 May 2024 - Angela Borella
Test Package : PLANT (Additional Tests: PrtFilter)

WEBASTO
 55111 GRAND RIVER RD
 NEW HUDSON, MI
 US 48165
 Contact: TIM ELKINS
 timothy.elkins@webasto.com
 T: (248)513-7408
 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)