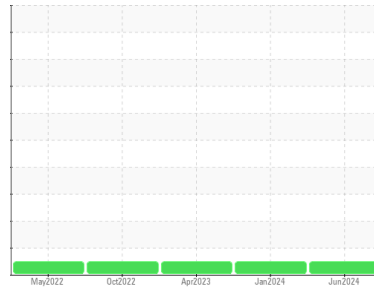




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area

NOT GIVEN

Machine Id

QUINCY QSB 40 UN050336 - TROYMILL WOOD PRODUCTS

Component

Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination 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		UCH06218822	UCH06092421	UCH05824193
Sample Date	Client Info		17 Jun 2024	22 Jan 2024	14 Apr 2023
Machine Age	hrs	Client Info	51159	50090	47992
Oil Age	hrs	Client Info	2084	1015	6673
Oil Changed		Client Info	Not Changed	Not Changed	Not Changed
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	7	<1	<1
Chromium	ppm	ASTM D5185m >5	<1	0	0
Nickel	ppm	ASTM D5185m	<1	<1	0
Titanium	ppm	ASTM D5185m	<1	0	0
Silver	ppm	ASTM D5185m	<1	0	0
Aluminum	ppm	ASTM D5185m >15	3	<1	<1
Lead	ppm	ASTM D5185m >65	<1	<1	0
Copper	ppm	ASTM D5185m >65	3	2	2
Tin	ppm	ASTM D5185m >10	<1	<1	0
Vanadium	ppm	ASTM D5185m	<1	0	0
Cadmium	ppm	ASTM D5185m	<1	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0
Barium	ppm	ASTM D5185m	1	0	0
Molybdenum	ppm	ASTM D5185m	<1	0	0
Manganese	ppm	ASTM D5185m	<1	<1	<1
Magnesium	ppm	ASTM D5185m	2	1	2
Calcium	ppm	ASTM D5185m	15	9	3
Phosphorus	ppm	ASTM D5185m	484	457	336
Zinc	ppm	ASTM D5185m	66	57	51
Sulfur	ppm	ASTM D5185m	890	894	414

CONTAMINANTS

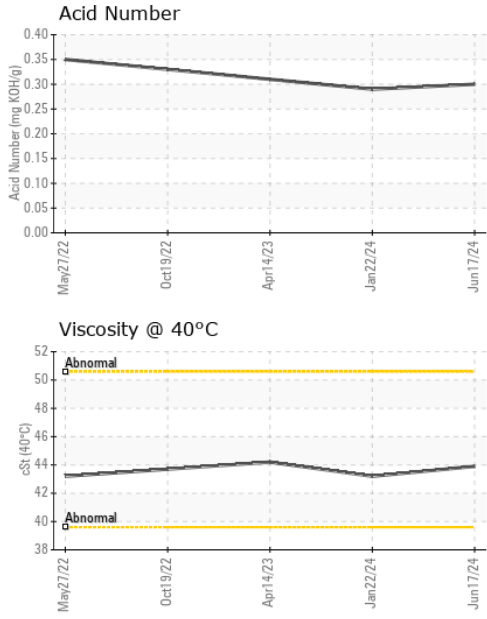
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >35	7	2	2
Sodium	ppm	ASTM D5185m	11	10	6
Potassium	ppm	ASTM D5185m >20	3	2	0

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.30	0.29	0.31



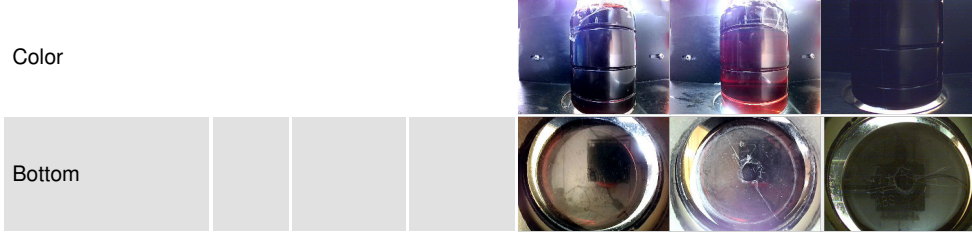
OIL ANALYSIS REPORT



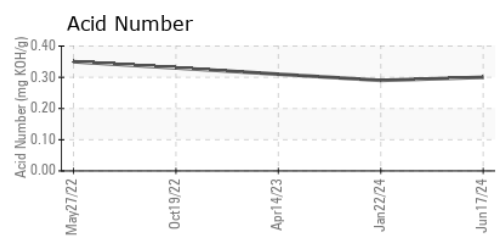
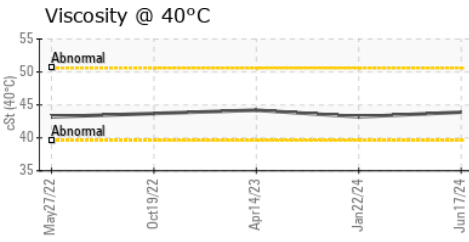
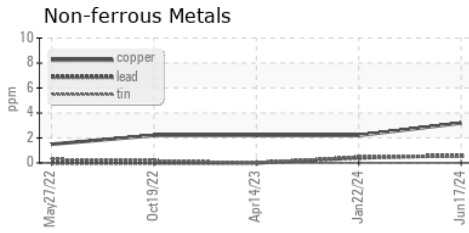
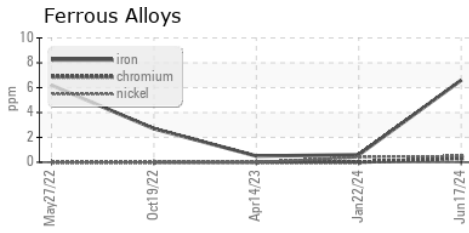
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	43.9	43.2	44.2

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06218822 **Received** : 24 Jun 2024
Lab Number : **06218822** **Tested** : 25 Jun 2024
Unique Number : 11097019 **Diagnosed** : 25 Jun 2024 - Wes Davis
Test Package : IND 2

TOMLIN EQUIPMENT
 242 POPLAR STREET
 TOLEDO, OH
 US 43605
 Contact: STEVEN RHODES
 steven.rhodes@tomlinequip.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)