



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[SWA563649]
 Machine Id
TERRAMAC RT14R 14RH00107
 Component
Front Right Final Drive
 Fluid
SCHAEFFERS 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

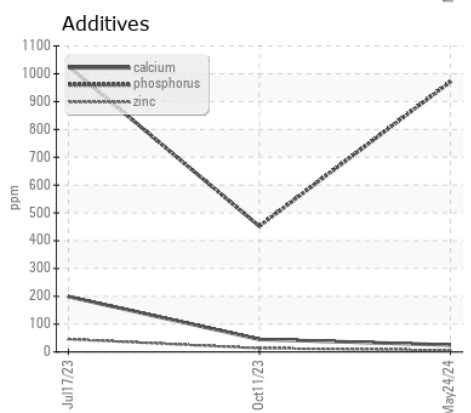
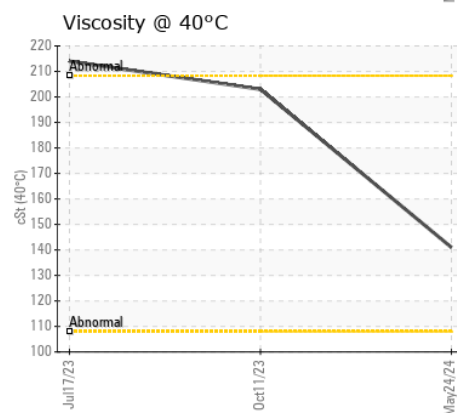
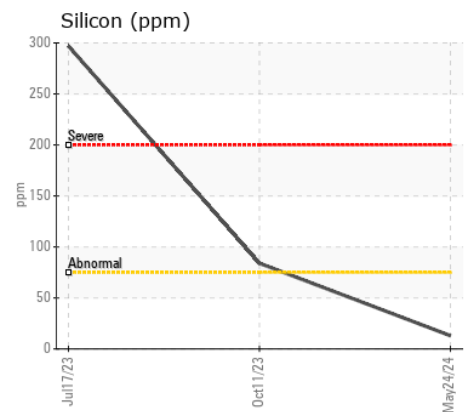
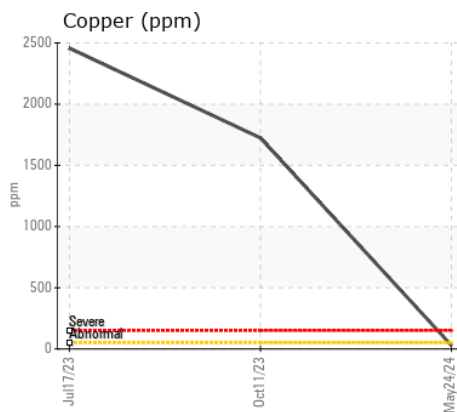
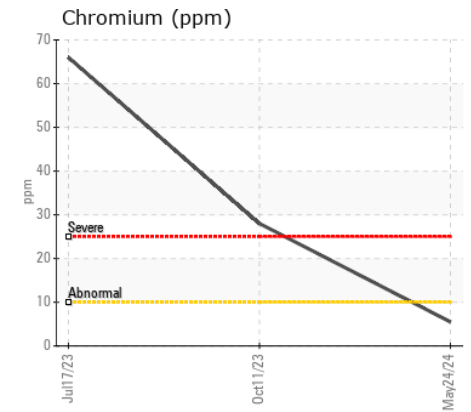
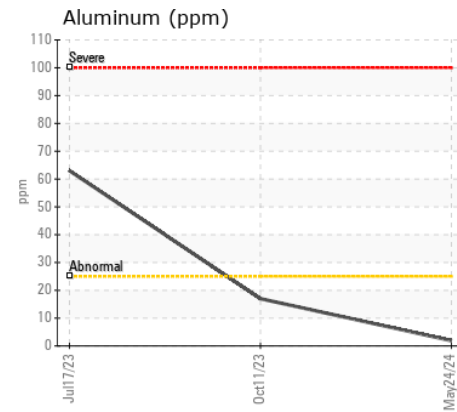
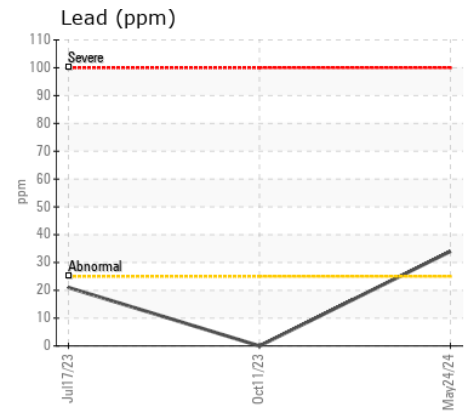
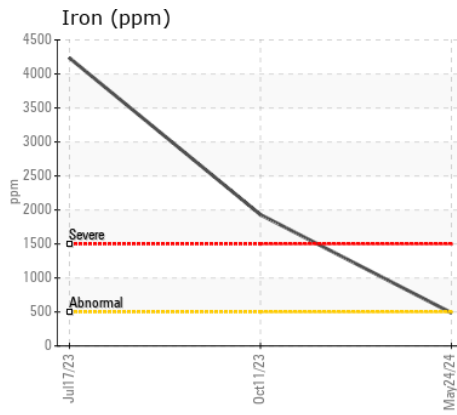
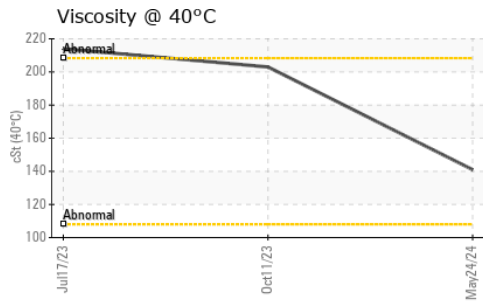
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP435953	VCP433945	VCP400638
Sample Date		Client Info		24 May 2024	11 Oct 2023	17 Jul 2023
Machine Age	hrs	Client Info		2703	2355	4312
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Chngd	Changed	N/A
Filter Changed		Client Info		N/A	Not Chngd	N/A
Sample Status				NORMAL	SEVERE	SEVERE

Iron	ppm	ASTM D5185m	>500	487	▲ 1931	▲ 4235
Chromium	ppm	ASTM D5185m	>10	6	▲ 28	▲ 66
Nickel	ppm	ASTM D5185m	>10	0	2	3
Titanium	ppm	ASTM D5185m		<1	2	7
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	● 17	● 63
Lead	ppm	ASTM D5185m	>25	34	0	21
Copper	ppm	ASTM D5185m	>50	29	▲ 1724	▲ 2457
Tin	ppm	ASTM D5185m	>10	<1	▲ 13	▲ 20
Vanadium	ppm	ASTM D5185m		0	<1	2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	13	▲ 84	▲ 297
Potassium	ppm	ASTM D5185m	>20	1	7	23
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
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	>0.2	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m		14	2	13
Boron	ppm	ASTM D5185m		134	33	114
Barium	ppm	ASTM D5185m		43	<1	12
Molybdenum	ppm	ASTM D5185m		<1	179	242
Manganese	ppm	ASTM D5185m		6	12	29
Magnesium	ppm	ASTM D5185m		2	5	31
Calcium	ppm	ASTM D5185m		25	45	199
Phosphorus	ppm	ASTM D5185m		971	452	1027
Zinc	ppm	ASTM D5185m		6	13	46
Sulfur	ppm	ASTM D5185m		30283	12474	21823
Visc @ 40°C	cSt	ASTM D445		141	203	214



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : VCP435953

Lab Number : 06197064

Unique Number : 11059187

Test Package : MOB 1

Received : 31 May 2024

Tested : 03 Jun 2024

Diagnosed : 04 Jun 2024 - Don Baldrige

ALTA EQUIPMENT

5985 COURT STREET ROAD

SYRACUSE, NY

US 13206

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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)