



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
BCESD 3 - LIVER POOL T1504
 Component
Transmission (Manual)
 Fluid
GEAR OIL SAE 80W140 (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0941942	WC0792380	WC0686419
Sample Date		Client Info		28 May 2024	15 May 2023	08 Jun 2022
Machine Age	mls	Client Info		0	0	0
Oil Age	mls	Client Info		0	0	0
Filter Age	mls	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>200	10	▲ 252	15
Chromium	ppm	ASTM D5185m	>5	0	1	0
Nickel	ppm	ASTM D5185m	>5	0	2	<1
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m	>7	<1	0	<1
Aluminum	ppm	ASTM D5185m	>25	2	0	3
Lead	ppm	ASTM D5185m	>45	3	<1	4
Copper	ppm	ASTM D5185m	>225	9	2	12
Tin	ppm	ASTM D5185m	>10	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	▲ MODER	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

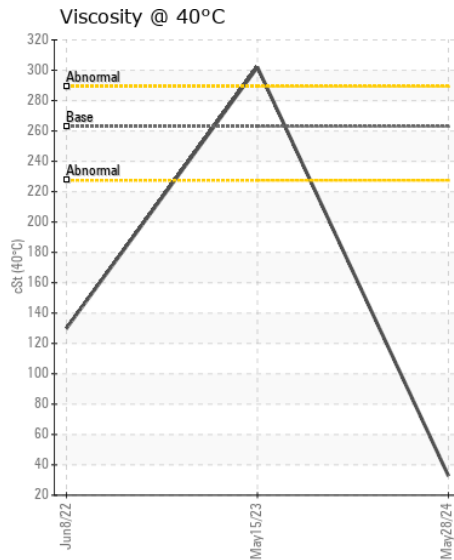
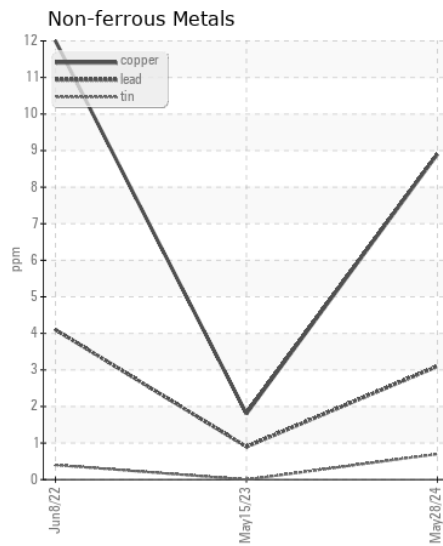
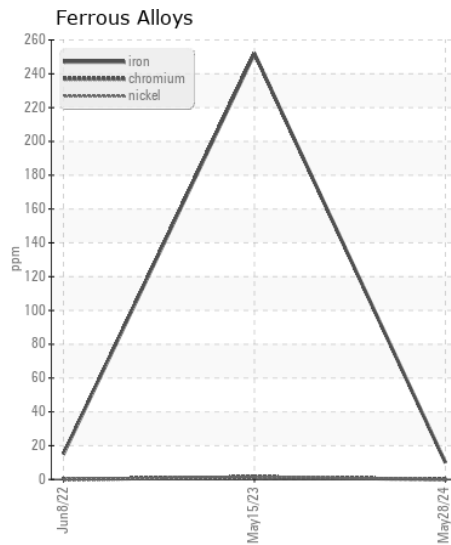
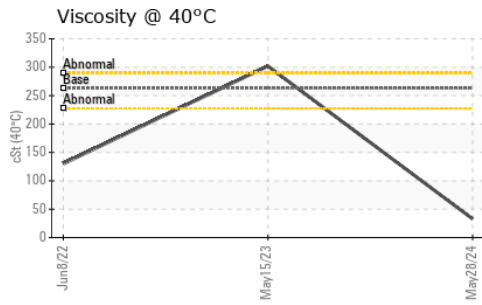
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	5	9	6
Potassium	ppm	ASTM D5185m	>20	4	2	2
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	VLITE
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

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		9	2	10
Boron	ppm	ASTM D5185m	400	90	191	197
Barium	ppm	ASTM D5185m	200	0	0	0
Molybdenum	ppm	ASTM D5185m	12	0	<1	<1
Manganese	ppm	ASTM D5185m		<1	4	<1
Magnesium	ppm	ASTM D5185m	12	1	3	<1
Calcium	ppm	ASTM D5185m	150	150	41	112
Phosphorus	ppm	ASTM D5185m	1650	269	937	432
Zinc	ppm	ASTM D5185m	125	5	62	5
Sulfur	ppm	ASTM D5185m	22500	1351	23799	2093
Visc @ 40°C	cSt	ASTM D445	263	32.8	302	130



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0941942
Lab Number : 06194480
Unique Number : 11056603
Test Package : CONST

Received : 29 May 2024
Tested : 31 May 2024
Diagnosed : 31 May 2024 - Sean Felton

SIDDONS-MARTIN EMERGENCY GROUP
 4401 REX RD
 FRIENDSWOOD, TX
 US 77546

Contact: Natalie Perrone
 nperrone@siddons-martin.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)

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