



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
1933 (S/N 99737H)
 Component
Air Compressor
 Fluid
PERFORM MAX PLAT (12 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0708404	WC0739504	WC0739503
Sample Date		Client Info		26 Feb 2024	15 Sep 2023	24 Jul 2023
Machine Age	hrs	Client Info		148504	146166	145826
Oil Age	hrs	Client Info		1458	3840	1404
Filter Age	hrs	Client Info		1058	1040	1176
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		Changed	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	0	1	2
Chromium	ppm	ASTM D5185m	>4	0	0	0
Nickel	ppm	ASTM D5185m	>4	0	0	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	0	3	<1
Lead	ppm	ASTM D5185m	>20	0	0	0
Copper	ppm	ASTM D5185m	>40	0	0	<1
Tin	ppm	ASTM D5185m	>5	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

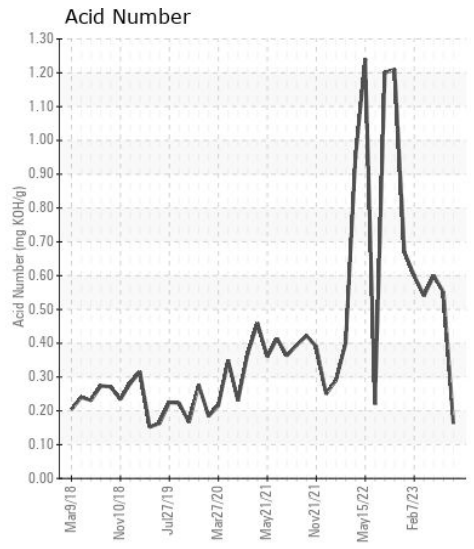
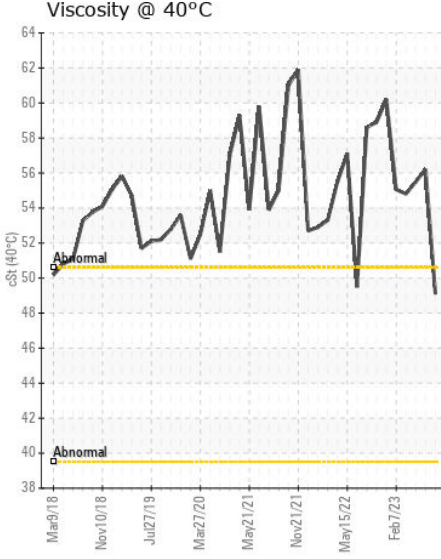
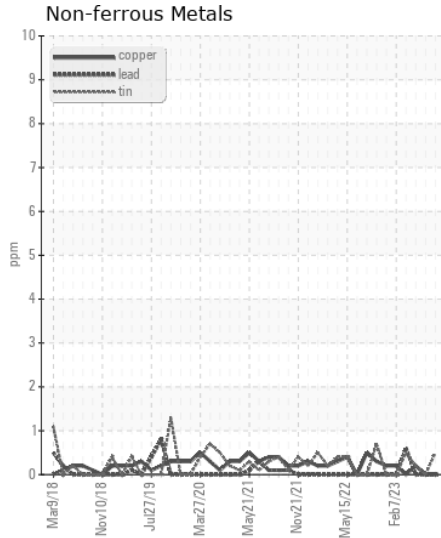
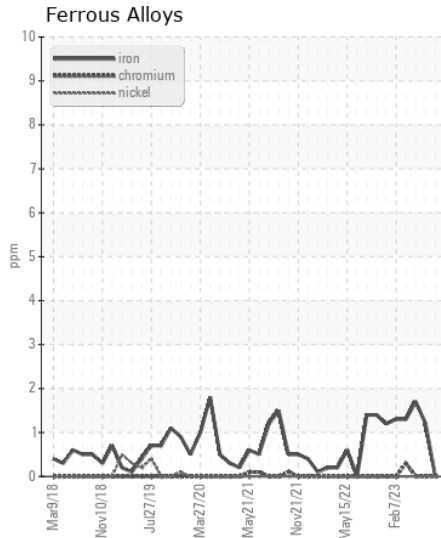
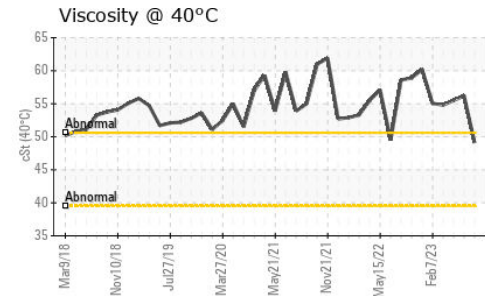
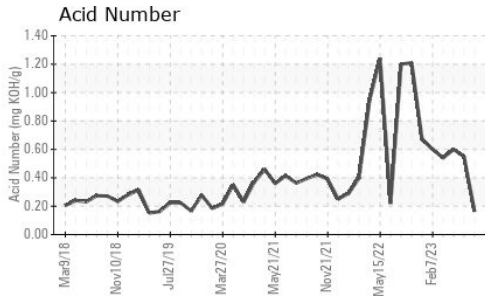
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	1	3	3
Potassium	ppm	ASTM D5185m	>20	0	0	1
Water	%	ASTM D6304	>0.6	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>10000	---	---	---
Particles >6µm		ASTM D7647	>2500	---	---	---
Particles >14µm		ASTM D7647	>320	---	---	---
Particles >21µm		ASTM D7647	>80	---	---	---
Particles >38µm		ASTM D7647	>20	---	---	---
Particles >71µm		ASTM D7647	>4	---	---	---
Oil Cleanliness		ISO 4406 (c)	>20/18/15	---	---	---
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	>0.6	NEG	NEG	NEG

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m		2	3	2
Boron	ppm	ASTM D5185m		<1	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m		0	0	1
Calcium	ppm	ASTM D5185m		0	0	0
Phosphorus	ppm	ASTM D5185m		12	12	15
Zinc	ppm	ASTM D5185m		0	0	0
Sulfur	ppm	ASTM D5185m		84	87	91
Acid Number (AN)	mg KOH/g	ASTM D8045		0.163	0.55	0.60
Visc @ 40°C	cSt	ASTM D445		49.1	56.2	55.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0708404
Lab Number : 06103157
Unique Number : 10901387
Test Package : PLANT
Received : 28 Feb 2024
Tested : 01 Mar 2024
Diagnosed : 01 Mar 2024 - Jonathan Hester

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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)