



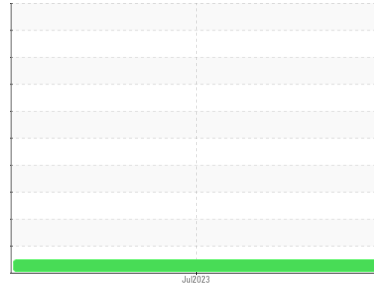
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
[L431781]
 Machine Id
480H - 1871
 Component
Swing Drive
 Fluid
GEAR OIL ISO 220 (--- GAL)



DIAGNOSIS

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 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	WC0798201	---	---
Sample Date	Client Info	20 Jul 2023	---	---
Machine Age	Client Info	0	---	---
Oil Age	Client Info	0	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		NORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >400	23	---	---
Chromium ppm	ASTM D5185m >10	0	---	---
Nickel ppm	ASTM D5185m >10	0	---	---
Titanium ppm	ASTM D5185m	0	---	---
Silver ppm	ASTM D5185m	0	---	---
Aluminum ppm	ASTM D5185m >25	1	---	---
Lead ppm	ASTM D5185m >50	0	---	---
Copper ppm	ASTM D5185m >200	<1	---	---
Tin ppm	ASTM D5185m >10	0	---	---
Vanadium ppm	ASTM D5185m	<1	---	---
Cadmium ppm	ASTM D5185m	<1	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m 50	15	---	---
Barium ppm	ASTM D5185m 15	0	---	---
Molybdenum ppm	ASTM D5185m 15	0	---	---
Manganese ppm	ASTM D5185m	<1	---	---
Magnesium ppm	ASTM D5185m 50	3	---	---
Calcium ppm	ASTM D5185m 50	13	---	---
Phosphorus ppm	ASTM D5185m 350	240	---	---
Zinc ppm	ASTM D5185m 100	15	---	---
Sulfur ppm	ASTM D5185m 12500	8893	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >50	2	---	---
Sodium ppm	ASTM D5185m	<1	---	---
Potassium ppm	ASTM D5185m >20	0	---	---

FLUID DEGRADATION

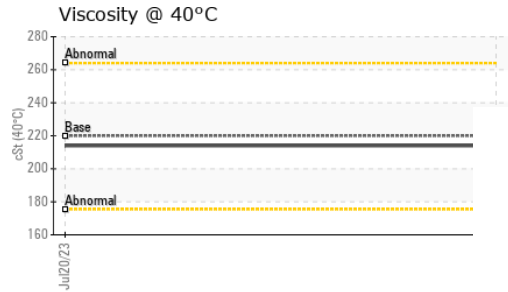
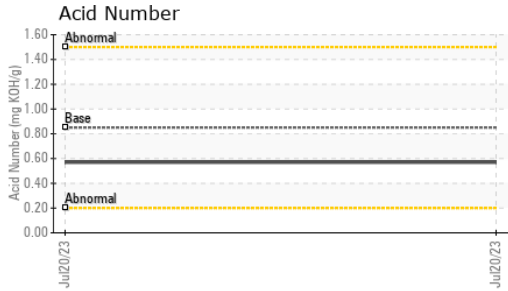
method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g	ASTM D8045 0.85	0.57	---	---

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	LIGHT	---	---
Sand/Dirt scalar	*Visual NONE	NONE	---	---
Appearance scalar	*Visual NORML	NORML	---	---
Odor scalar	*Visual NORML	NORML	---	---
Emulsified Water scalar	*Visual >0.2	NEG	---	---
Free Water scalar	*Visual	NEG	---	---



OIL ANALYSIS REPORT

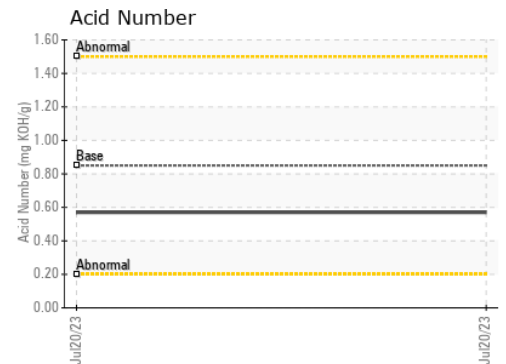
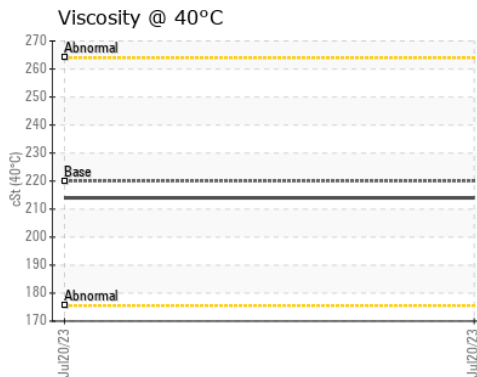
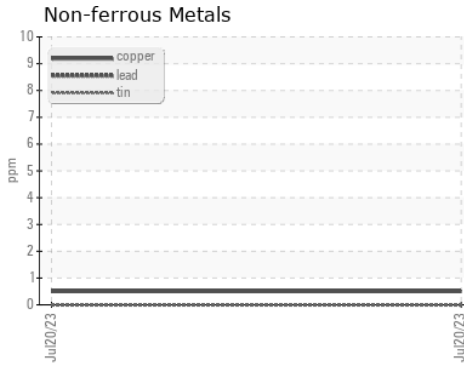
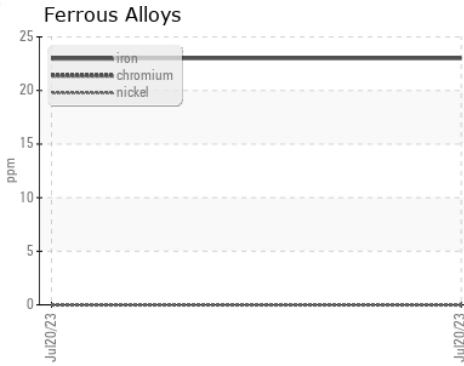


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	220	214	---	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
---------------	--	--------	------------	---------	----------	----------

Color		no image	no image
Bottom		no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0798201 **Received** : 11 Aug 2023
Lab Number : 05922872 **Diagnosed** : 14 Aug 2023
Unique Number : 10602819 **Diagnostician** : Don Baldrige
Test Package : IND 2

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)

SEATRAX INC
 308 GALBERT ROAD
 LAFAYETTE, LA
 US 70506
 Contact: LORIA HUVAL
 LORIA.HUVAL@SEATRAX.COM
 T:
 F: (337)706-7901