



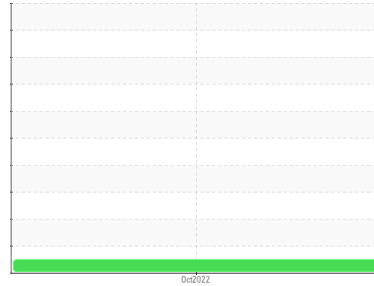
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
KELTEC KOPERS-05 [00009]
 Machine Id
SULLAIR 201312110043 - GLEN-AIR
 Component
Compressor



DIAGNOSIS

Recommendation

The filter change at the time of sampling has been noted. 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

Moderate concentration of visible dirt/debris present 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	UCH05689037	---	---
Sample Date	Client Info	31 Oct 2022	---	---
Machine Age	hrs Client Info	18803	---	---
Oil Age	hrs Client Info	3874	---	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		NORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >50	1	---	---
Chromium ppm	ASTM D5185m >10	<1	---	---
Nickel ppm	ASTM D5185m	0	---	---
Titanium ppm	ASTM D5185m	0	---	---
Silver ppm	ASTM D5185m	<1	---	---
Aluminum ppm	ASTM D5185m >25	<1	---	---
Lead ppm	ASTM D5185m >25	<1	---	---
Copper ppm	ASTM D5185m >50	9	---	---
Tin ppm	ASTM D5185m >15	<1	---	---
Vanadium ppm	ASTM D5185m	<1	---	---
Cadmium ppm	ASTM D5185m	<1	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m	<1	---	---
Barium ppm	ASTM D5185m	9	---	---
Molybdenum ppm	ASTM D5185m	0	---	---
Manganese ppm	ASTM D5185m	<1	---	---
Magnesium ppm	ASTM D5185m	<1	---	---
Calcium ppm	ASTM D5185m	0	---	---
Phosphorus ppm	ASTM D5185m	10	---	---
Zinc ppm	ASTM D5185m	73	---	---
Sulfur ppm	ASTM D5185m	62	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >25	11	---	---
Sodium ppm	ASTM D5185m	9	---	---
Potassium ppm	ASTM D5185m >20	4	---	---

FLUID DEGRADATION

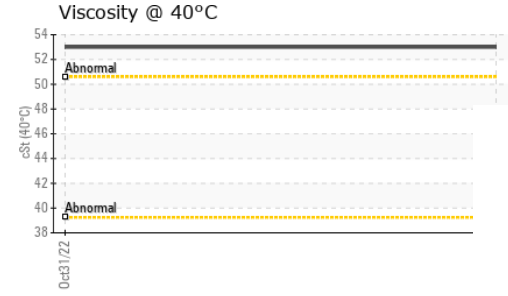
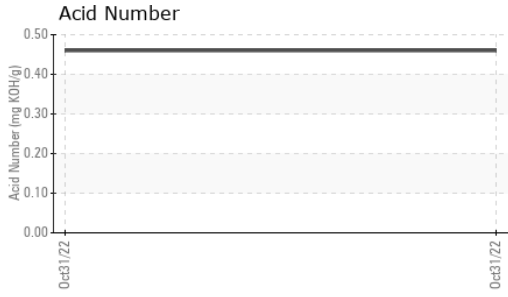
method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g	ASTM D8045	0.46	---	---

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	MODER	---	---
Sand/Dirt scalar	*Visual NONE	NONE	---	---
Appearance scalar	*Visual NORML	NORML	---	---
Odor scalar	*Visual NORML	NORML	---	---
Emulsified Water scalar	*Visual >0.1	NEG	---	---
Free Water scalar	*Visual	NEG	---	---



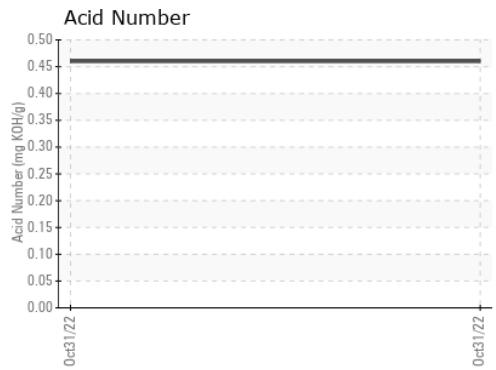
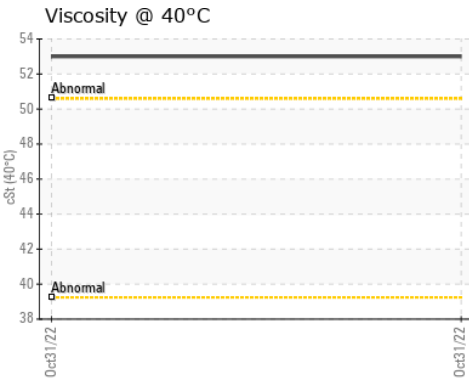
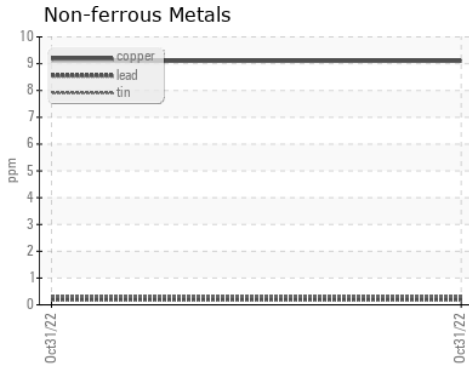
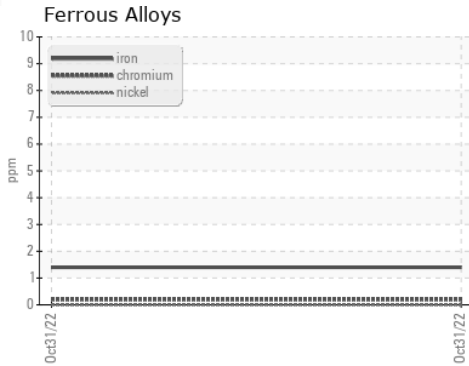
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	53.0	---	---

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. : UCH05689037 **Received** : 09 Nov 2022
Lab Number : 05689037 **Diagnosed** : 11 Nov 2022
Unique Number : 10208609 **Diagnostician** : Angela Borella
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)

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