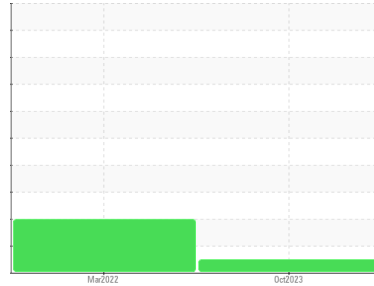




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
07K022
 Component
Rotary Compressor
 Fluid
SUMMIT SH 46 ISO 46 (3 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	WC0869384	WC0656938	---
Sample Date	Client Info	25 Oct 2023	07 Mar 2022	---
Machine Age	hrs Client Info	36582	31349	---
Oil Age	hrs Client Info	0	4000	---
Oil Changed	Client Info	Changed	Changed	---
Sample Status		NORMAL	ABNORMAL	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >70	0	0	---
Chromium	ppm ASTM D5185m >10	<1	0	---
Nickel	ppm ASTM D5185m	0	0	---
Titanium	ppm ASTM D5185m	0	0	---
Silver	ppm ASTM D5185m	0	0	---
Aluminum	ppm ASTM D5185m >3	2	0	---
Lead	ppm ASTM D5185m >4	0	0	---
Copper	ppm ASTM D5185m >20	0	<1	---
Tin	ppm ASTM D5185m >3	0	<1	---
Vanadium	ppm ASTM D5185m	0	0	---
Cadmium	ppm ASTM D5185m	0	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	0	0	---
Barium	ppm ASTM D5185m	19	0	---
Molybdenum	ppm ASTM D5185m	0	0	---
Manganese	ppm ASTM D5185m	0	0	---
Magnesium	ppm ASTM D5185m	<1	0	---
Calcium	ppm ASTM D5185m	<1	0	---
Phosphorus	ppm ASTM D5185m	496	510	---
Zinc	ppm ASTM D5185m	4	0	---
Sulfur	ppm ASTM D5185m	0	62	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >45	1	<1	---
Sodium	ppm ASTM D5185m	<1	0	---
Potassium	ppm ASTM D5185m >20	<1	<1	---

FLUID DEGRADATION

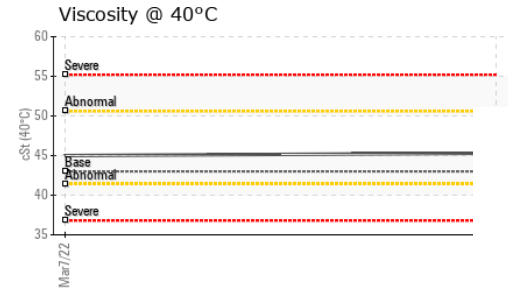
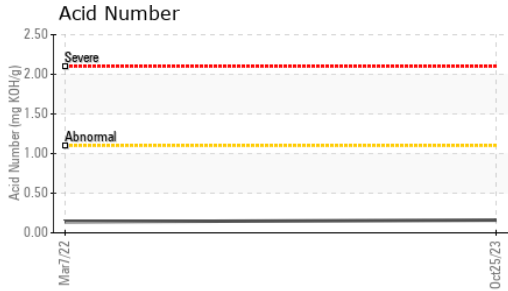
method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045	0.16	0.14	---

VISUAL

method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	NONE	NONE	---
Yellow Metal	scalar *Visual NONE	NONE	NONE	---
Precipitate	scalar *Visual NONE	NONE	NONE	---
Silt	scalar *Visual NONE	NONE	NONE	---
Debris	scalar *Visual NONE	NONE	▲ MODER	---
Sand/Dirt	scalar *Visual NONE	NONE	NONE	---
Appearance	scalar *Visual NORML	NORML	NORML	---
Odor	scalar *Visual NORML	NORML	NORML	---
Emulsified Water	scalar *Visual >0.6	NEG	0.2%	---
Free Water	scalar *Visual	NEG	▲ 1.0	---



OIL ANALYSIS REPORT



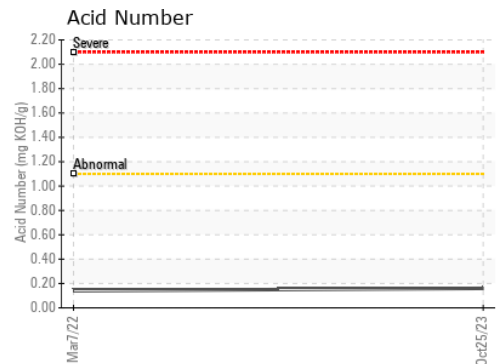
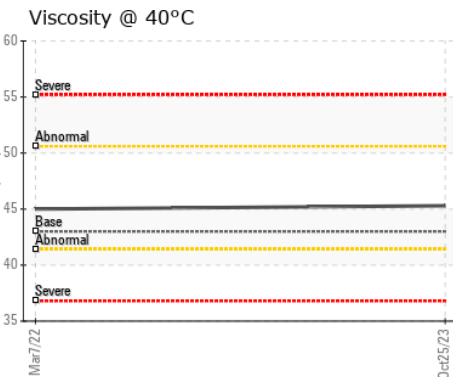
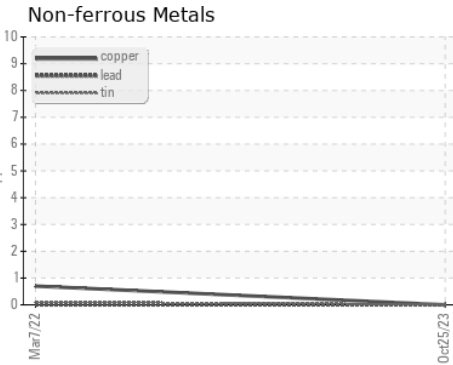
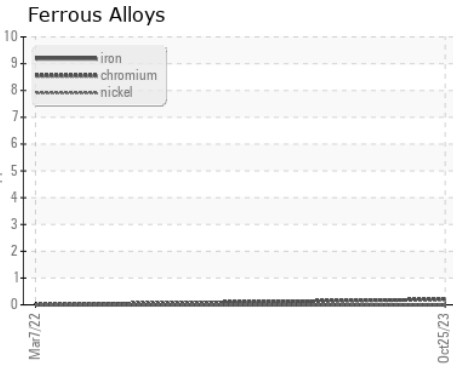
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	43.0	45.3	45.0	---

SAMPLE IMAGES

method	limit/base	current	history1	history2
Color				no image
Bottom				no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0869384 **Received** : 03 Nov 2023
Lab Number : 05998137 **Diagnosed** : 07 Nov 2023
Unique Number : 10726497 **Diagnostician** : Jonathan Hester
Test Package : PLANT

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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