



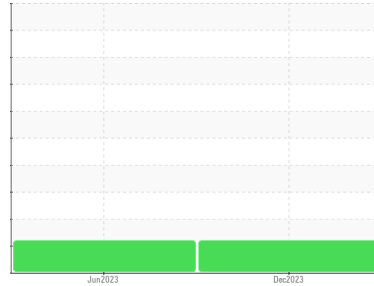
OIL ANALYSIS REPORT

Sample Rating Trend

VISCOSITY



Area
ACI 10K
 Machine Id
BOGE 5062495 - HUNTINGTON SOLUTIONS
 Component
Compressor
 Fluid
ULTRACHEM CHEMLUBE PLUS 10 (--- GAL)



DIAGNOSIS

▲ Recommendation

Oil and filter change at the time of sampling has been noted. 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 oil viscosity is higher than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UAC06063706	UCH05883420	---
Sample Date	Client Info		27 Dec 2023	20 Jun 2023	---
Machine Age	hrs	Client Info	35610	33267	---
Oil Age	hrs	Client Info	2343	7132	---
Oil Changed	Client Info		Changed	Changed	---
Sample Status			ATTENTION	ATTENTION	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG	---

WEAR METALS

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

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0.1	0	0	---
Barium	ppm	ASTM D5185m 0.8	0	0	---
Molybdenum	ppm	ASTM D5185m 0	0	0	---
Manganese	ppm	ASTM D5185m 0.9	0	0	---
Magnesium	ppm	ASTM D5185m 0	0	<1	---
Calcium	ppm	ASTM D5185m 0	0	<1	---
Phosphorus	ppm	ASTM D5185m 409	▲ 16	▲ 25	---
Zinc	ppm	ASTM D5185m 0	0	<1	---
Sulfur	ppm	ASTM D5185m 1290	▲ 291	▲ 255	---

CONTAMINANTS

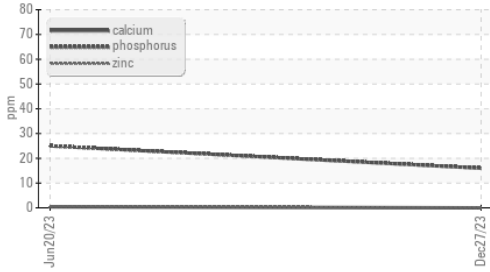
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<1	0	---
Sodium	ppm	ASTM D5185m	1	0	---
Potassium	ppm	ASTM D5185m >20	1	<1	---

FLUID DEGRADATION

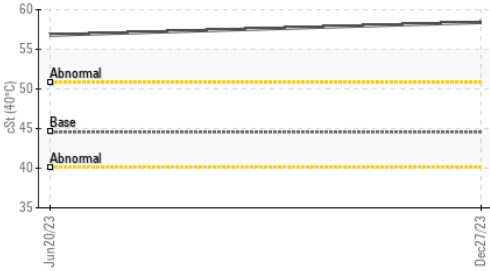
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.537	0.87	1.00	---

OIL ANALYSIS REPORT

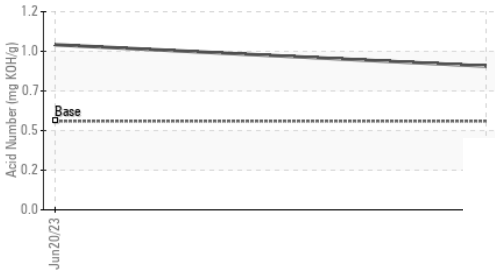
▲ Additives



▲ Viscosity @ 40°C



Acid Number



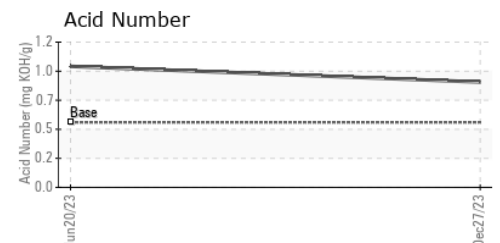
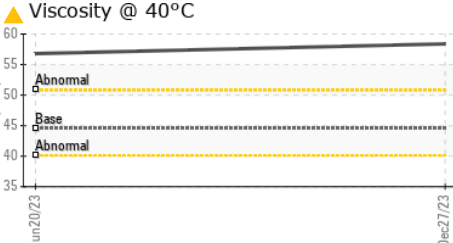
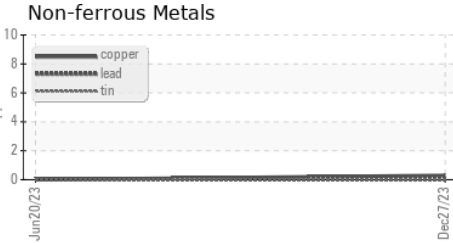
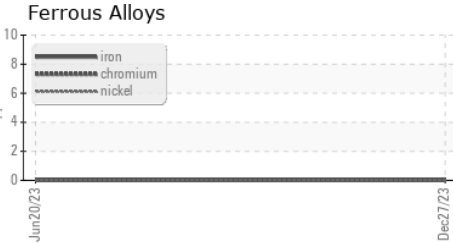
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	▲ 58.4	▲ 56.8	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UAC06063706 **Recieved** : 17 Jan 2024
Lab Number : 06063706 **Diagnosed** : 19 Jan 2024
Unique Number : 10835088 **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)

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