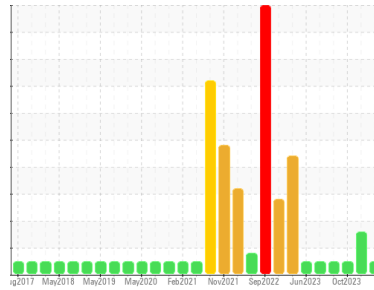




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
97
Machine Id
[97] A97 Fan 901

Component
Center Gearbox
Fluid
HIGH PERFORMANCE LUBRICANTS GEAR LIFE 150 (5 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. 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		HPL0003922	HPL0002402	HPL0003597
Sample Date	Client Info		20 Feb 2024	29 Jan 2024	30 Oct 2023
Machine Age	hrs	Client Info	6320	6120	3960
Oil Age	hrs	Client Info	200	6120	3960
Oil Changed	Client Info		Changed	Not Changd	Changed
Sample Status			NORMAL	MARGINAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	1	168	101
Chromium	ppm	ASTM D5185m >10	<1	<1	0
Nickel	ppm	ASTM D5185m >10	<1	<1	0
Titanium	ppm	ASTM D5185m	<1	<1	0
Silver	ppm	ASTM D5185m	<1	0	0
Aluminum	ppm	ASTM D5185m >25	7	2	<1
Lead	ppm	ASTM D5185m >50	<1	5	2
Copper	ppm	ASTM D5185m >200	<1	<1	0
Tin	ppm	ASTM D5185m >10	1	<1	0
Vanadium	ppm	ASTM D5185m	1	0	0
Cadmium	ppm	ASTM D5185m	<1	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0
Barium	ppm	ASTM D5185m	4	2	0
Molybdenum	ppm	ASTM D5185m	<1	0	0
Manganese	ppm	ASTM D5185m	<1	3	2
Magnesium	ppm	ASTM D5185m	<1	10	4
Calcium	ppm	ASTM D5185m	3	33	19
Phosphorus	ppm	ASTM D5185m	0	193	152
Zinc	ppm	ASTM D5185m	12	32	28
Sulfur	ppm	ASTM D5185m	335	21121	19190

CONTAMINANTS

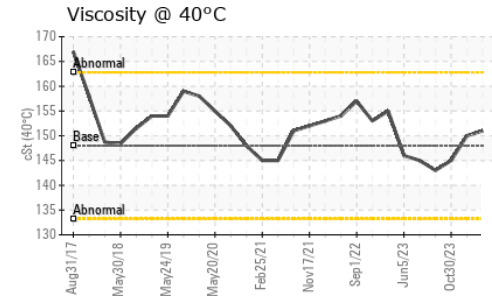
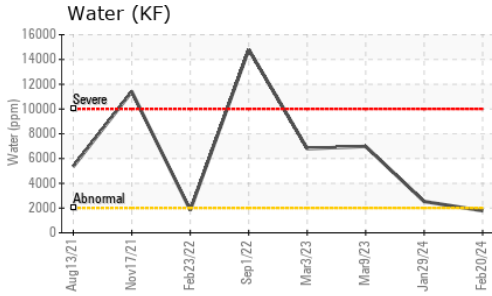
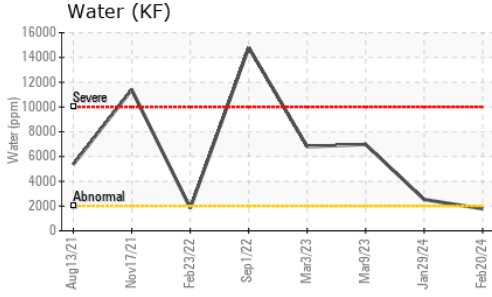
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	2	8	3
Sodium	ppm	ASTM D5185m	27	3	<1
Potassium	ppm	ASTM D5185m >20	6	6	4
Water	%	ASTM D6304 >0.2	0.178	▲ 0.253	---
ppm Water	ppm	ASTM D6304 >2000	1780	▲ 2530	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.8	0.59	0.36	0.38



OIL ANALYSIS REPORT



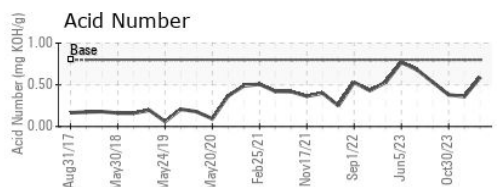
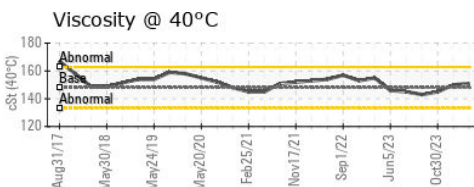
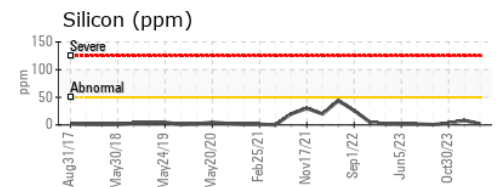
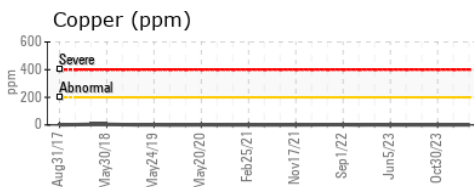
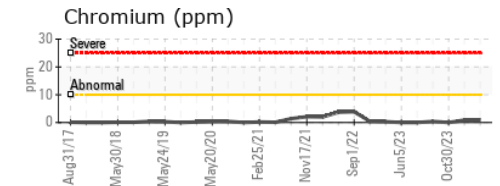
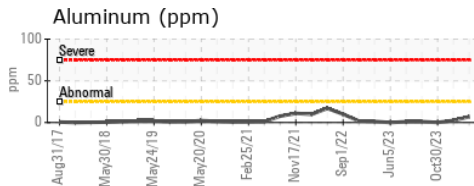
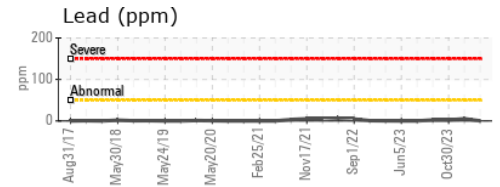
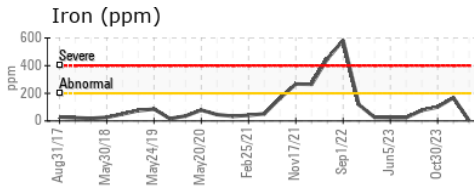
PARAMETER	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 148	151	150	145

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : HPL0003922
Lab Number : 06097893
Unique Number : 10896123
Test Package : MOB 2 (Additional Tests: KF)

KENSING
 2525 S KENSINGTON RD
 KANKAKEE, IL
 US 60901

Contact: TIM HUBERT
 timothy.hubert@kensingolutions.com

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)

T: (815)939-8918

F: x: