

OIL ANALYSIS REPORT

Area **97** [97] A97 Fan 901

Center Gearbox

GEAR LIFE 150 (5 GAL)

Sample Rating Trend **WEAR**

DIAGNOSIS

Recommendation

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. Resample at the next service interval to monitor.

An increase in the iron level is noted. Gear wear is indicated.

Contamination

There is no indication of any contamination in the

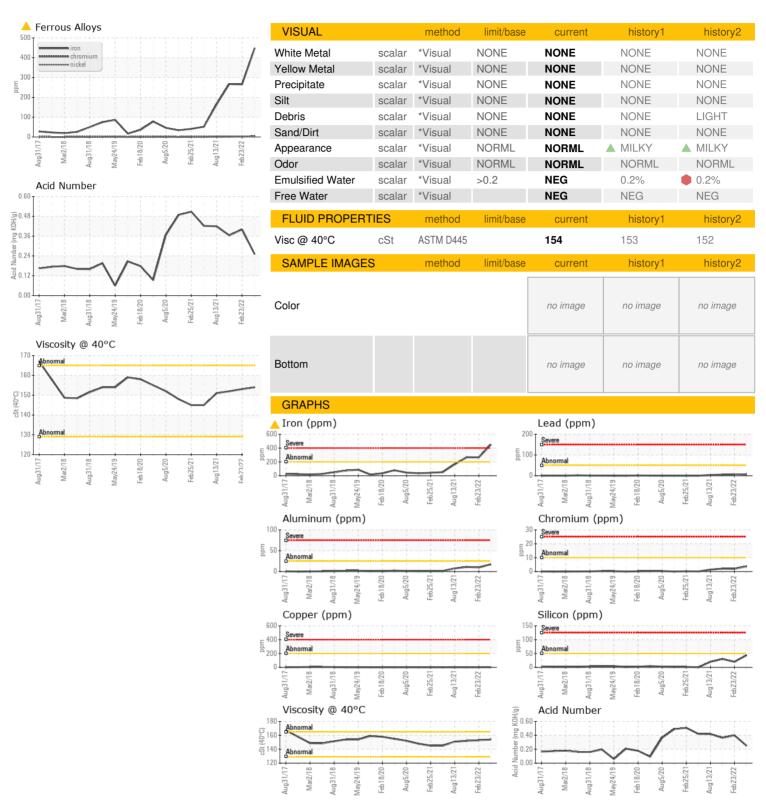
Fluid Condition

The oil is no longer serviceable as a result of the abnormal and/or severe wear.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		HPL0000172	HPL0000084	HPL0000073
Sample Date		Client Info		16 May 2022	23 Feb 2022	17 Nov 2021
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		2660	350	200
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				ABNORMAL	ABNORMAL	SEVERE
CONTAMINATION	٧	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	449	<u>^</u> 265	△ 267
Chromium	ppm	ASTM D5185m	>10	4	2	2
Nickel	ppm	ASTM D5185m		<1	2	<1
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	1	<1
Aluminum	ppm	ASTM D5185m	>25	17	10	11
Lead	ppm	ASTM D5185m	>50	7	5	5
Copper	ppm	ASTM D5185m	>200	2	<1	<1
Tin	ppm	ASTM D5185m	>10	<1	0	<1
Antimony	ppm	ASTM D5185m			18	30
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		2	<1	20
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	<1	<1
Manganese	ppm	ASTM D5185m		5	4	3
Magnesium	ppm	ASTM D5185m		45	28	24
Calcium	ppm	ASTM D5185m		96	62	80
Phosphorus	ppm	ASTM D5185m		154	153	146
Zinc	ppm	ASTM D5185m		0	0	<1
Sulfur	ppm	ASTM D5185m		17938	17854	19578
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	44	20	30
Sodium	ppm	ASTM D5185m		13	10	4
Potassium	ppm	ASTM D5185m	>20	3	4	2
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.25	0.40	0.364



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Laboratory Sample No. Lab Number **Unique Number** Test Package

: 05549251

: HPL0000172 : 9983618 : MOB 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 19 May 2022 : 20 May 2022 Diagnosed Diagnostician

: Angela Borella

KENSING 2525 S KENSINGTON RD KANKAKEE, IL US 60901

Contact: TIM HUBERT

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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)

F: x: