



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Machine Id
KBA 7203
 Component
Gearbox
 Fluid
{not provided} (--- GAL)

RECOMMENDATION

We recommend you service the filters on this component. 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.

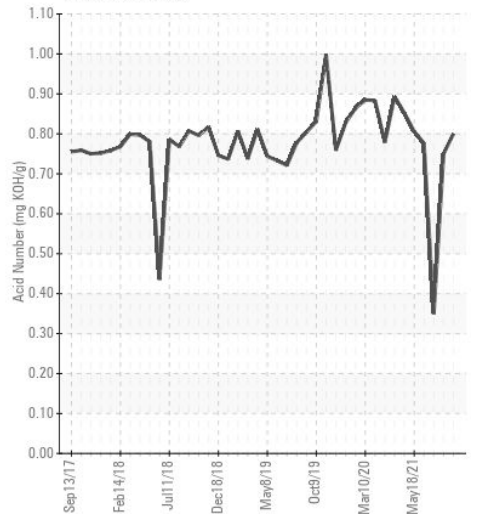
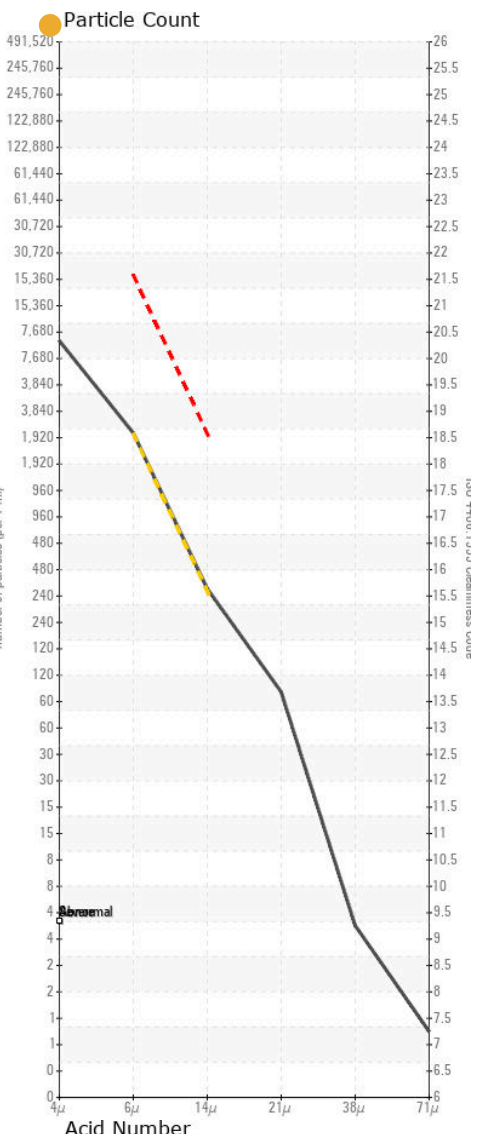
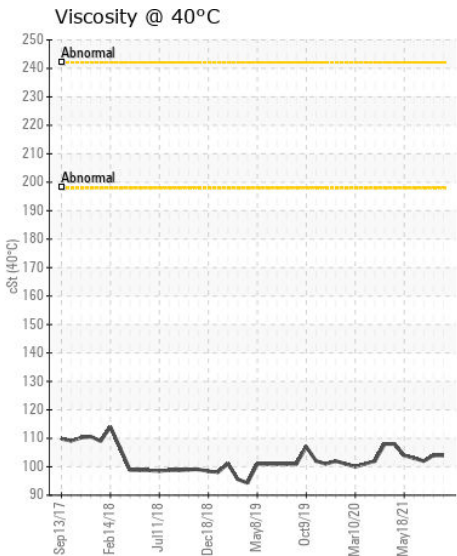
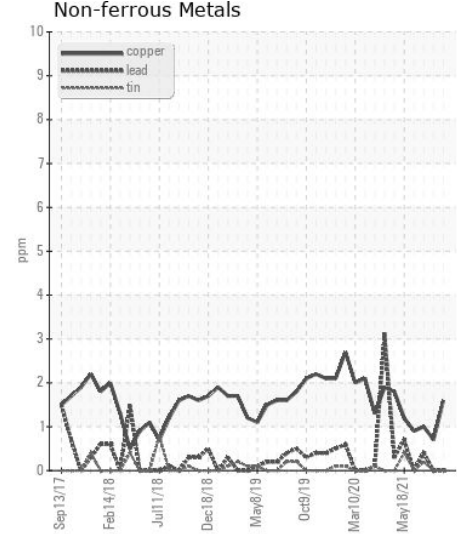
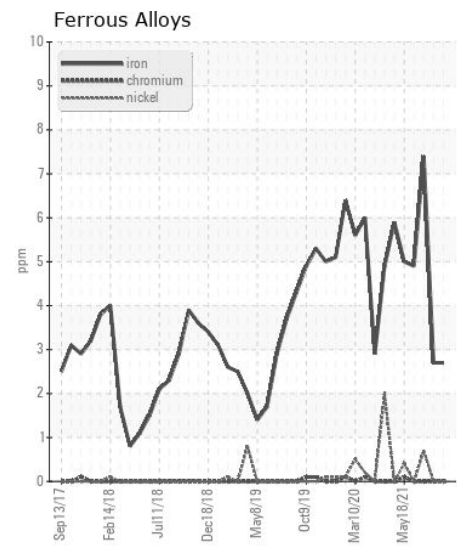
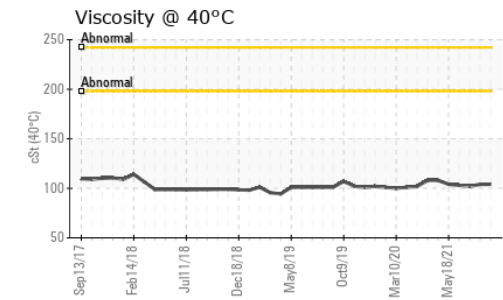
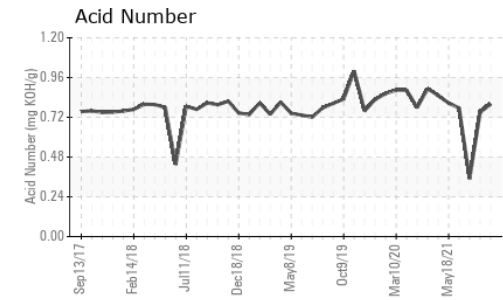
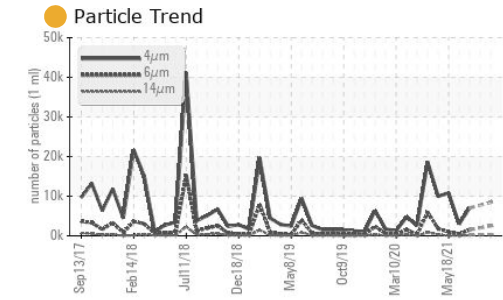
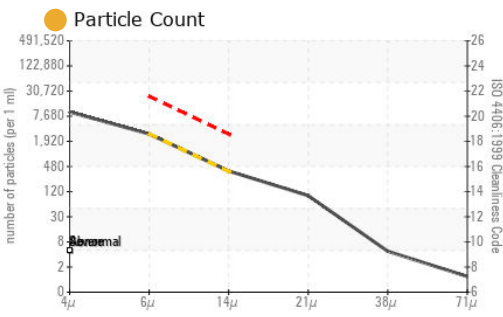
CONTAMINATION

There is a light amount of silt (particulates < 14 microns in size) present in the oil.

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PTK0000396	PTK0001301	PTK0001319
Sample Date		Client Info		09 Nov 2023	13 Jun 2023	23 Nov 2022
Machine Age	wks	Client Info		0	0	0
Oil Age	wks	Client Info		0	0	0
Filter Age	wks	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	ABNORMAL	NORMAL
Iron	ppm	ASTM D5185m	>200	3	3	7
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>10	0	0	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>25	0	0	1
Lead	ppm	ASTM D5185m	>50	0	0	<1
Copper	ppm	ASTM D5185m	>200	2	<1	1
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	▲ MODER	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>50	1	<1	4
Potassium	ppm	ASTM D5185m	>20	0	<1	<1
Water		WC Method	>0.2	NEG	NEG	NEG
Particles >4µm		ASTM D7647		8440	---	7041
Particles >6µm		ASTM D7647	>2500	● 2520	---	1517
Particles >14µm		ASTM D7647	>320	● 329	---	150
Particles >21µm		ASTM D7647	>80	85	---	36
Particles >38µm		ASTM D7647	>20	4	---	2
Particles >71µm		ASTM D7647	>4	1	---	0
Oil Cleanliness		ISO 4406 (c)	>18/15	● 19/16	---	18/14
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		1	0	<1
Boron	ppm	ASTM D5185m		10	11	<1
Barium	ppm	ASTM D5185m		0	5	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m		0	5	<1
Calcium	ppm	ASTM D5185m		0	7	2
Phosphorus	ppm	ASTM D5185m		299	365	234
Zinc	ppm	ASTM D5185m		17	43	56
Sulfur	ppm	ASTM D5185m		13525	17506	6572
Acid Number (AN)	mg KOH/g	ASTM D8045		0.80	0.75	0.35
Visc @ 40°C	cSt	ASTM D445		104	104	102



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PTK0000396 **Received** : 24 Nov 2023
Lab Number : 06017321 **Tested** : 28 Nov 2023
Unique Number : 10756465 **Diagnosed** : 28 Nov 2023 - Wes Davis
Test Package : MOB 2 (Additional Tests: PrtCount)

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 1500 NICHOLAS BLVD
 ELK GROVE, IL
 US 60017
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 F:

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)