



PERFORMANCE
UNDER
PRESSURE

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	SEVERE
FLUID CONDITION	ATTENTION

Area
CAPL
Machine Id
CAPL AUX PINCH ROLL 1 ENTRY (S/N 16-3100-0128)
Component
Gearbox
Fluid
GEAR OIL ISO 220 (--- QTS)

RECOMMENDATION

We advise that you check for the source of water entry. We advise that you follow the water drain-off procedure for this component. We recommend an early resample to monitor this condition.

WEAR

All component wear rates are normal.

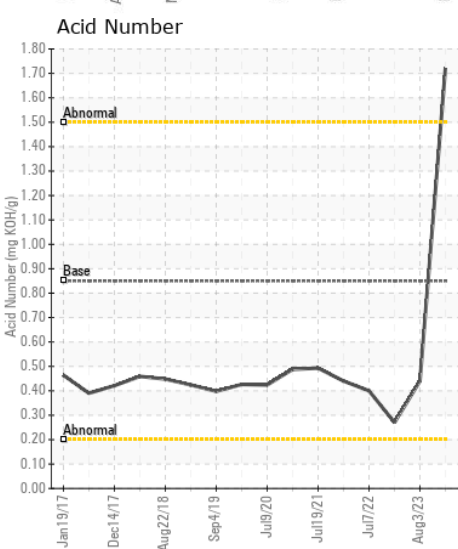
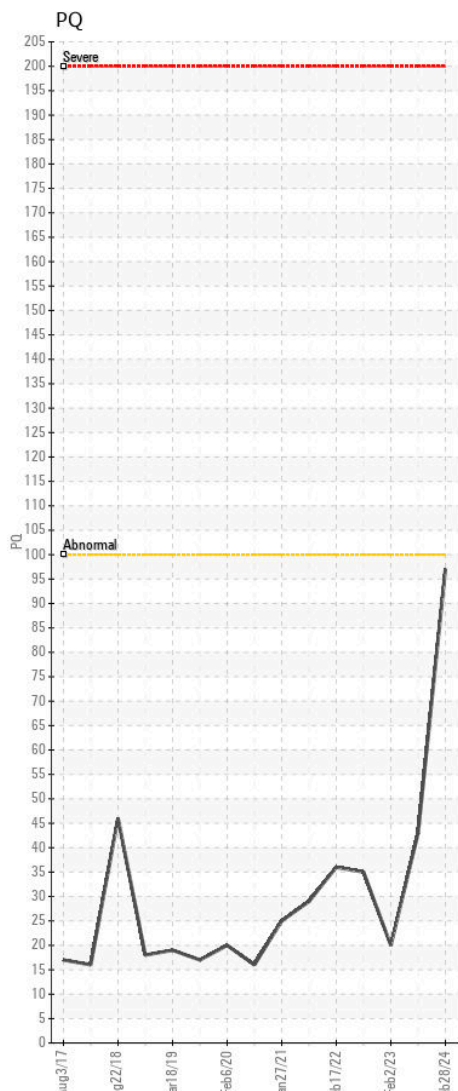
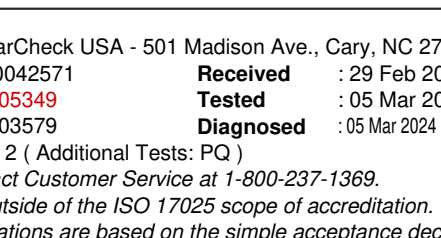
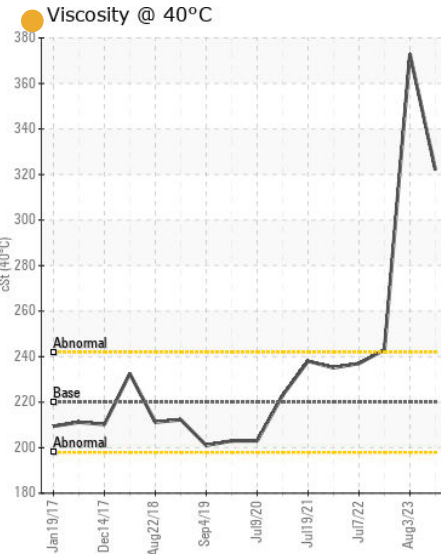
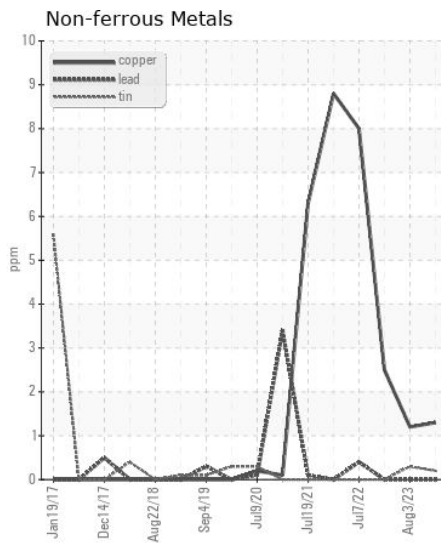
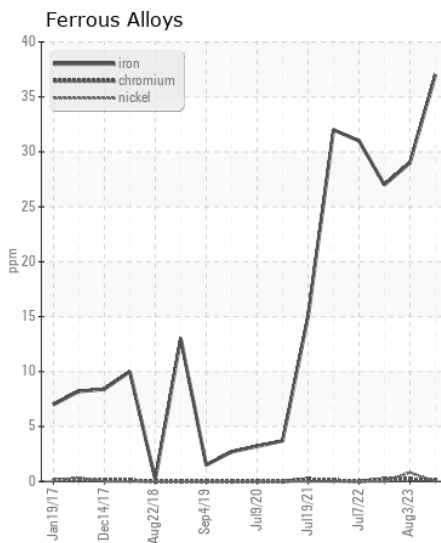
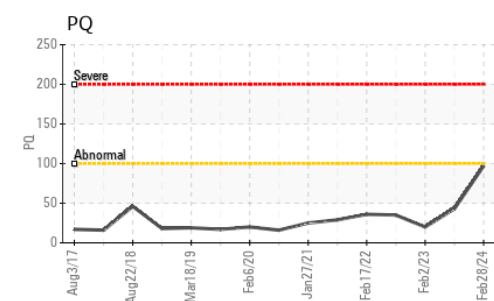
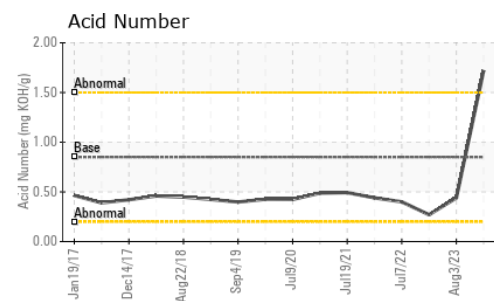
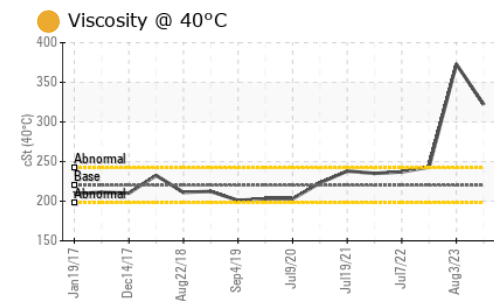
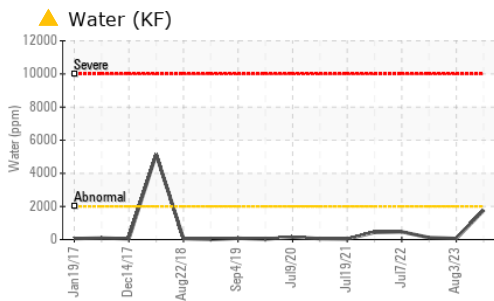
CONTAMINATION

Excessive free water present. There is a light concentration of water present in the oil.

FLUID CONDITION

Viscosity of sample indicates oil is within ISO 320 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		RP0042571	RP0035458	RP0030692
Sample Date		Client Info		28 Feb 2024	03 Aug 2023	02 Feb 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	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				SEVERE	ATTENTION	NORMAL
PQ		ASTM D8184		97	43	20
Iron	ppm	ASTM D5185m	>200	37	29	27
Chromium	ppm	ASTM D5185m	>15	<1	<1	<1
Nickel	ppm	ASTM D5185m	>15	0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	0	0
Lead	ppm	ASTM D5185m	>100	0	0	0
Copper	ppm	ASTM D5185m	>200	1	1	2
Tin	ppm	ASTM D5185m	>25	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>50	6	2	2
Potassium	ppm	ASTM D5185m	>20	<1	5	<1
Water	%	ASTM D6304	>0.2	▲ 0.177	0.006	0.011
ppm Water	ppm	ASTM D6304	>2000	▲ 1770	65.3	118.6
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	0.2%	NEG	NEG
Sodium	ppm	ASTM D5185m		<1	0	<1
Boron	ppm	ASTM D5185m	50	0	3	0
Barium	ppm	ASTM D5185m	15	0	7	0
Molybdenum	ppm	ASTM D5185m	15	0	0	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	50	2	5	<1
Calcium	ppm	ASTM D5185m	50	18	41	9
Phosphorus	ppm	ASTM D5185m	350	447	202	112
Zinc	ppm	ASTM D5185m	100	14	38	4
Acid Number (AN)	mg KOH/g	ASTM D8045	0.85	1.72	0.44	0.27
Visc @ 40°C	cSt	ASTM D445	220	● 322	● 373	243



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0042571 **Received** : 29 Feb 2024
Lab Number : 06105349 **Tested** : 05 Mar 2024
Unique Number : 10903579 **Diagnosed** : 05 Mar 2024 - Jonathan Hester
Test Package : IND 2 (Additional Tests: PQ)

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Certificate L2367
 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)