



PERFORMANCE
UNDER
PRESSURE

OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
CPL
Machine Id
CPL RECOILER- PLANETARY (S/N 16-4400-0430)
Component
Planetary
Fluid
GEAR OIL ISO 220 (--- QTS)

RECOMMENDATION

We advise that you inspect for the source(s) of wear. Resample at the next service interval to monitor.

WEAR

Gear wear is indicated.

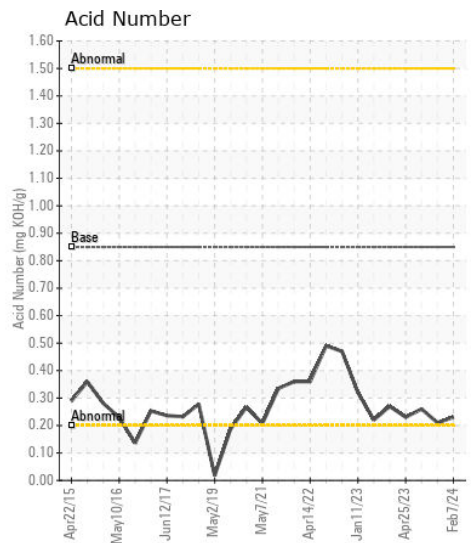
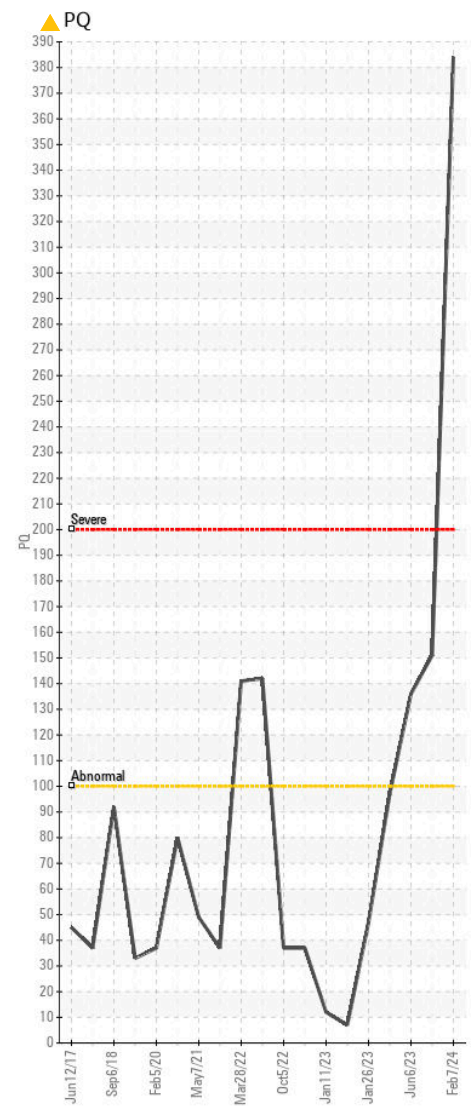
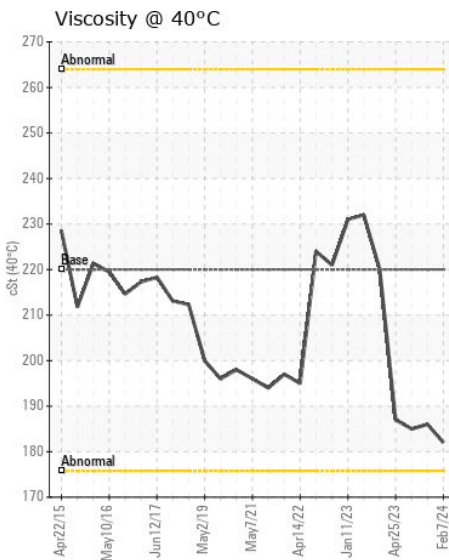
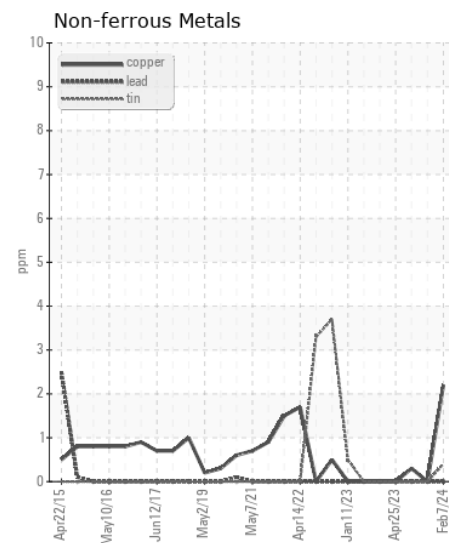
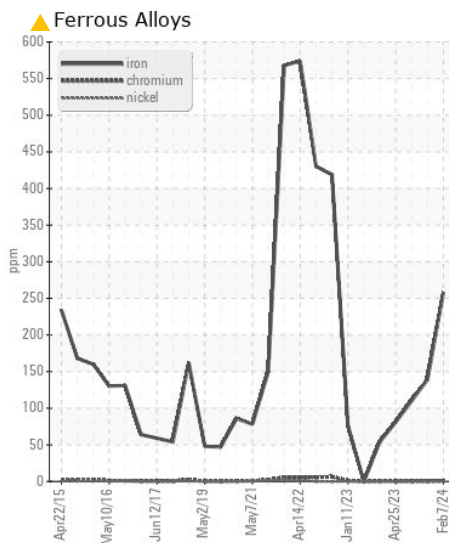
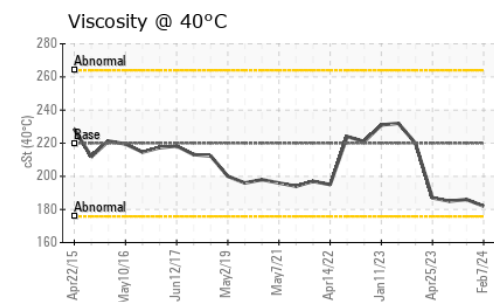
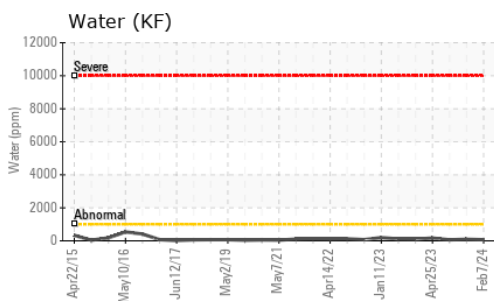
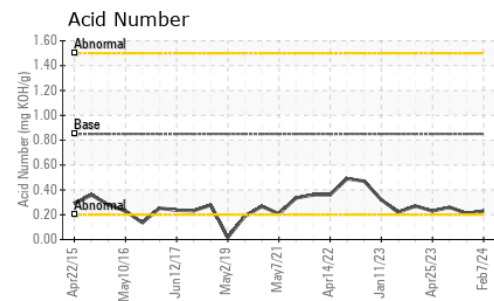
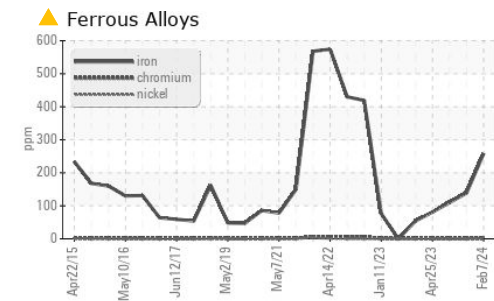
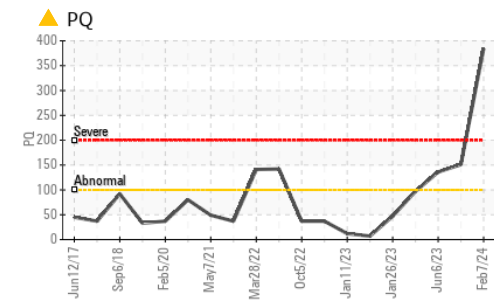
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		RP0042117	RP0038390	RP0035010
Sample Date		Client Info		07 Feb 2024	20 Oct 2023	06 Jun 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				ABNORMAL	NORMAL	NORMAL
PQ		ASTM D8184		▲ 384	151	136
Iron	ppm	ASTM D5185m	>150	▲ 258	139	110
Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	0	0
Lead	ppm	ASTM D5185m	>100	0	0	0
Copper	ppm	ASTM D5185m	>50	2	0	<1
Tin	ppm	ASTM D5185m	>10	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>50	1	1	3
Potassium	ppm	ASTM D5185m	>20	0	2	1
Water	%	ASTM D6304	>0.1	0.006	0.009	0.006
ppm Water	ppm	ASTM D6304	>1000	67	92.9	61.6
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	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		3	3	2
Boron	ppm	ASTM D5185m	50	<1	0	0
Barium	ppm	ASTM D5185m	15	0	0	0
Molybdenum	ppm	ASTM D5185m	15	0	0	0
Manganese	ppm	ASTM D5185m		2	1	1
Magnesium	ppm	ASTM D5185m	50	4	2	8
Calcium	ppm	ASTM D5185m	50	44	45	60
Phosphorus	ppm	ASTM D5185m	350	100	103	124
Zinc	ppm	ASTM D5185m	100	5	7	6
Acid Number (AN)	mg KOH/g	ASTM D8045	0.85	0.23	0.21	0.26
Visc @ 40°C	cSt	ASTM D445	220	182	186	185



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0042117 **Received** : 08 Feb 2024
Lab Number : 06083677 **Tested** : 09 Feb 2024
Unique Number : 10871122 **Diagnosed** : 09 Feb 2024 - Angela Borella
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)