



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
GEARBOX PORT (S/N 26415)
 Component
Port Gearbox
 Fluid
SHELL GADINIA 30 (45 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

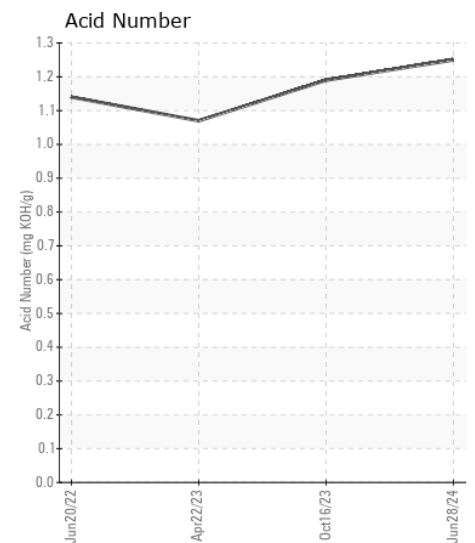
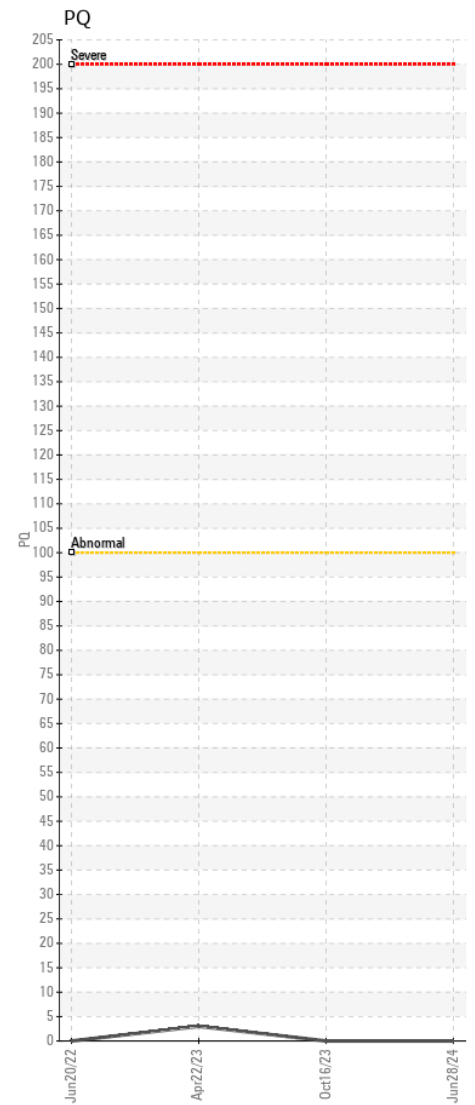
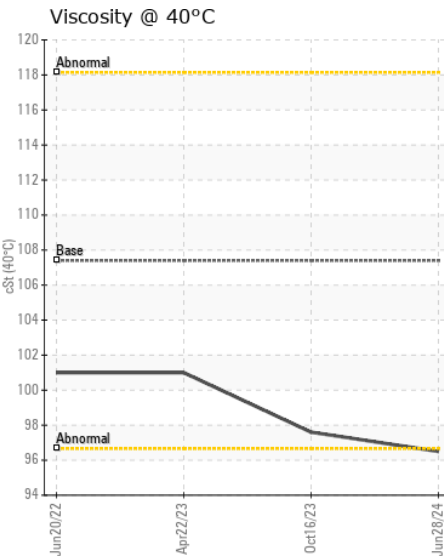
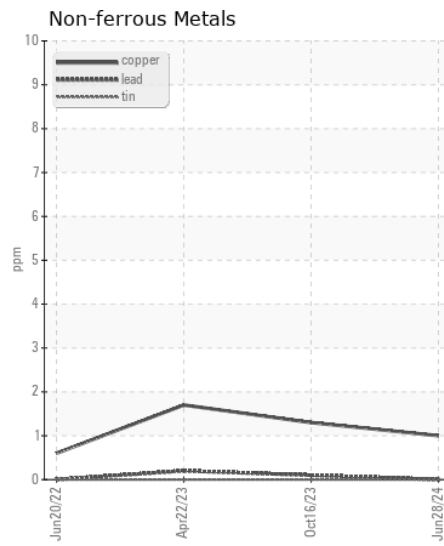
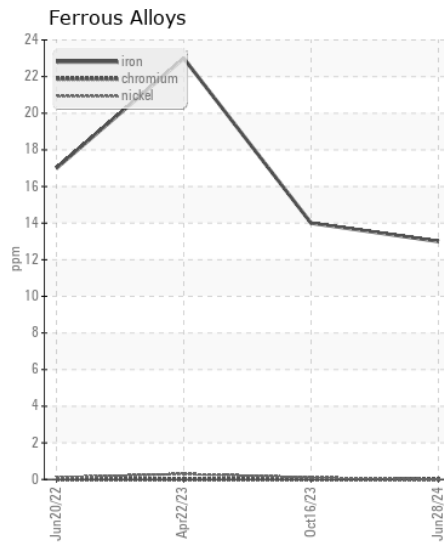
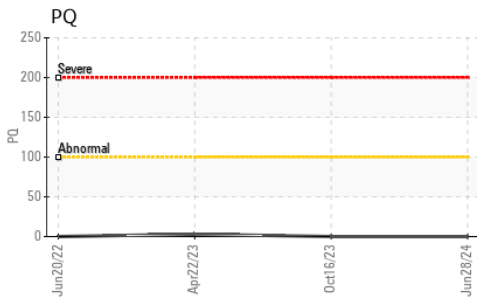
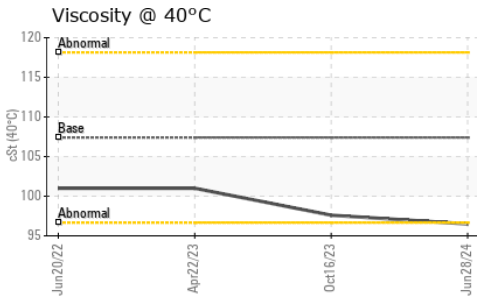
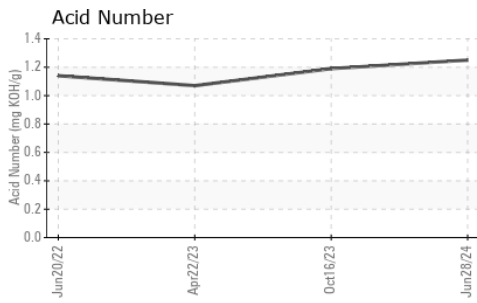
CONTAMINATION

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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0955565	WC	WC0722091
Sample Date		Client Info		28 Jun 2024	16 Oct 2023	22 Apr 2023
Machine Age	yrs	Client Info		43261	42727	41570
Oil Age	yrs	Client Info		0	0	860
Filter Age	yrs	Client Info		0	0	860
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
PQ		ASTM D8184*		0	0	3
Iron	ppm	ASTM D5185(m)	>150	13	14	23
Chromium	ppm	ASTM D5185(m)	>10	0	0	0
Nickel	ppm	ASTM D5185(m)	>10	0	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>5	1	<1	1
Lead	ppm	ASTM D5185(m)	>65	0	<1	<1
Copper	ppm	ASTM D5185(m)	>80	1	1	2
Tin	ppm	ASTM D5185(m)	>8	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	VLITE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>20	5	6	6
Potassium	ppm	ASTM D5185(m)	>20	4	<1	2
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	VLITE
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 D5185(m)		5	4	5
Boron	ppm	ASTM D5185(m)		3	3	3
Barium	ppm	ASTM D5185(m)		<1	<1	0
Molybdenum	ppm	ASTM D5185(m)		<1	<1	<1
Manganese	ppm	ASTM D5185(m)		<1	0	<1
Magnesium	ppm	ASTM D5185(m)		24	26	28
Calcium	ppm	ASTM D5185(m)	3800	4498	4750	5066
Phosphorus	ppm	ASTM D5185(m)		554	579	584
Zinc	ppm	ASTM D5185(m)		611	623	573
Sulfur	ppm	ASTM D5185(m)		5312	5772	6572
Acid Number (AN)	mg KOH/g	ASTM D974*		1.25	1.19	1.07
Visc @ 40°C	cSt	ASTM D7279(m)	107.4	96.5	97.6	101



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0955565 **Received** : 04 Jul 2024
Lab Number : 02645651 **Tested** : 05 Jul 2024
Unique Number : 5803190 **Diagnosed** : 05 Jul 2024 - Kevin Marson
Test Package : MAR 2 (Additional Tests: TAN Man)

CANSHIP UGLAND - CRT EXPRESS
 1315 TOPSAIL ROAD, PO BOX 8040 STN A
 ST JOHNS, NL
 CA A1B 3M7
 Contact: Peter Collins
 technical@canship.com
 T: (709)782-3333
 F: (709)782-0225

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.