



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

Main Deck

Machine Id

ARVA Crane Starboard Slewing (S/N 1804)

Component

Gearbox

Fluid

PETRO CANADA TRAXON 80W90 (6 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

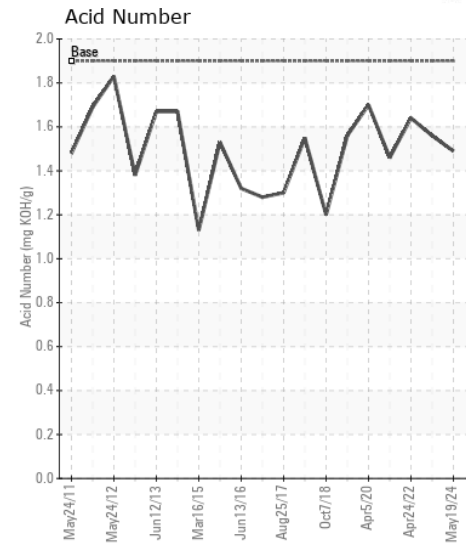
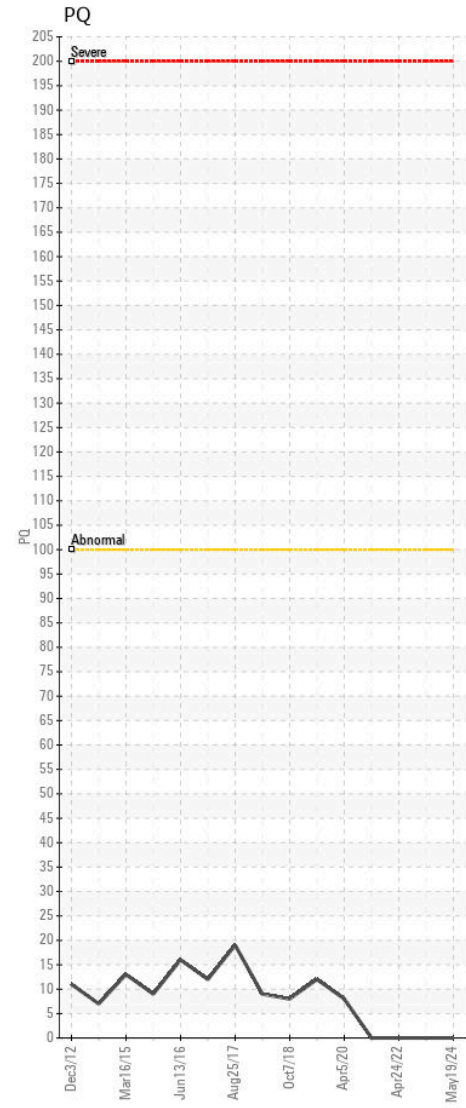
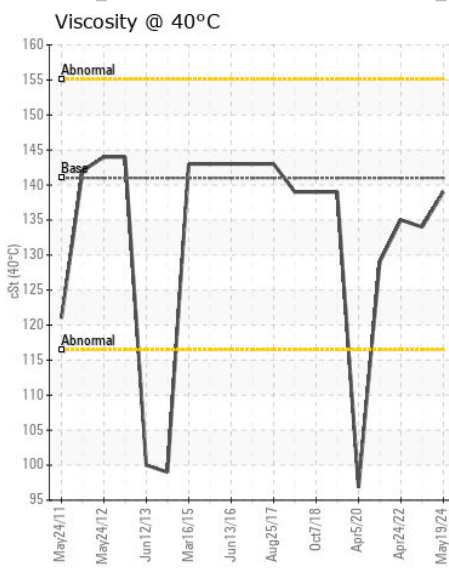
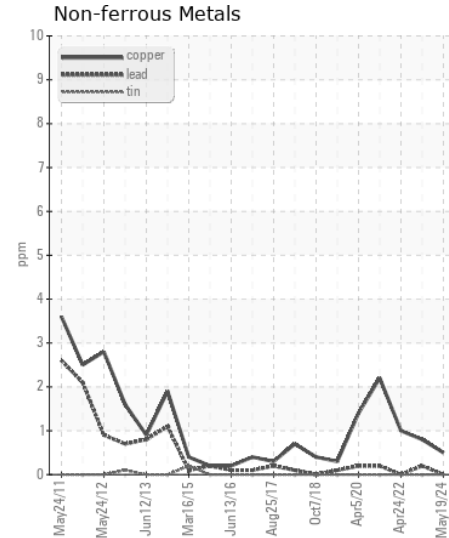
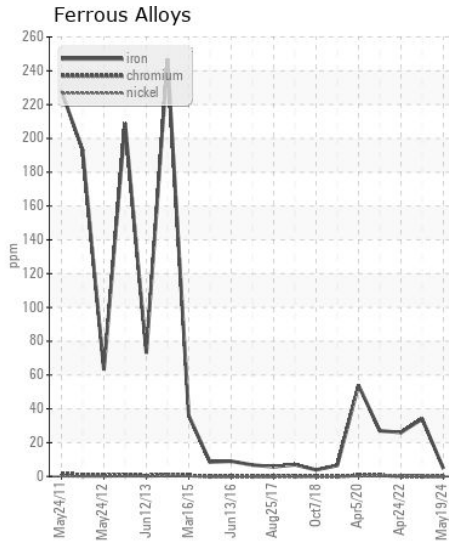
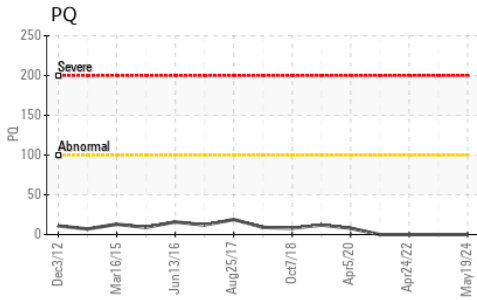
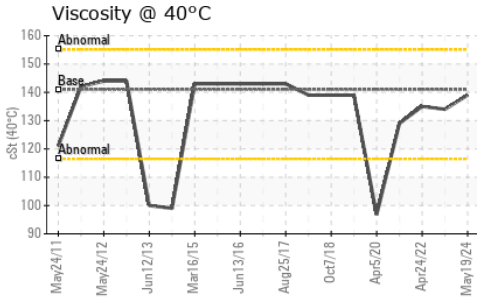
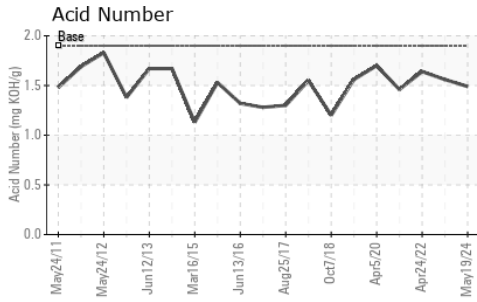
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0772096	WC0700689	WC0603748
Sample Date		Client Info		19 May 2024	23 May 2023	24 Apr 2022
Machine Age		Client Info		6576	6034	5535
Oil Age		Client Info		371	0	0
Filter Age		Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	N/A
Filter Changed		Client Info		None	None	None
Sample Status				NORMAL	NORMAL	NORMAL

PQ		ASTM D8184*		0	0	0
Iron	ppm	ASTM D5185(m)	>150	5	34	26
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	0
Silver	ppm	ASTM D5185(m)		<1	0	0
Aluminum	ppm	ASTM D5185(m)	>5	0	0	<1
Lead	ppm	ASTM D5185(m)	>65	0	<1	0
Copper	ppm	ASTM D5185(m)	>80	<1	<1	1
Tin	ppm	ASTM D5185(m)	>8	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185(m)	>20	<1	4	5
Potassium	ppm	ASTM D5185(m)	>20	0	0	<1
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	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 D5185(m)		0	<1	0
Boron	ppm	ASTM D5185(m)	243	252	258	252
Barium	ppm	ASTM D5185(m)	1	0	0	0
Molybdenum	ppm	ASTM D5185(m)		0	0	<1
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)	2	<1	<1	0
Calcium	ppm	ASTM D5185(m)	6	2	2	3
Phosphorus	ppm	ASTM D5185(m)	987	968	1069	1028
Zinc	ppm	ASTM D5185(m)	1	3	4	4
Sulfur	ppm	ASTM D5185(m)	21530	24268	25559	24340
Acid Number (AN)	mg KOH/g	ASTM D974*	1.9	1.49	1.56	1.64
Visc @ 40°C	cSt	ASTM D7279(m)	141.0	139	134	135



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0772096 **Received** : 24 May 2024
Lab Number : 02637534 **Tested** : 24 May 2024
Unique Number : 5786696 **Diagnosed** : 24 May 2024 - Wes Davis
Test Package : MAR 2 (Additional Tests: TAN Man)

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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.