



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
GUASCOR CANWE PG 1
 Component
Propane Engine
 Fluid
PETRO CANADA SENTRON LD 5000 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0915635	PC0078890	PC0073693
Sample Date		Client Info		03 May 2024	20 Dec 2023	17 Oct 2023
Machine Age	hrs	Client Info		31350	28113	26580
Oil Age	hrs	Client Info		1532	1533	1247
Filter Age	hrs	Client Info		1532	1533	1247
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>100	1	2	2
Chromium	ppm	ASTM D5185(m)	>25	<1	0	0
Nickel	ppm	ASTM D5185(m)	>5	0	0	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>5	0	0	0
Aluminum	ppm	ASTM D5185(m)	>20	1	1	1
Lead	ppm	ASTM D5185(m)	>25	<1	<1	<1
Copper	ppm	ASTM D5185(m)	>35	<1	<1	<1
Tin	ppm	ASTM D5185(m)	>8	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

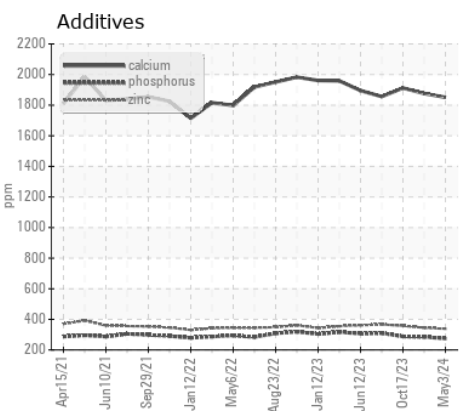
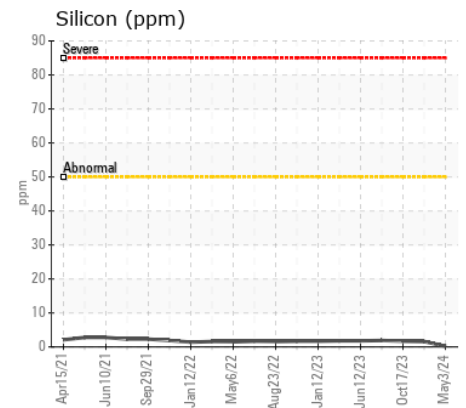
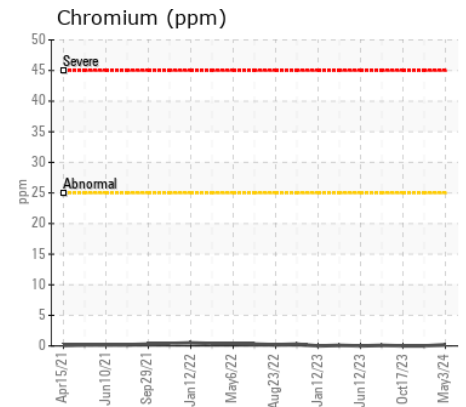
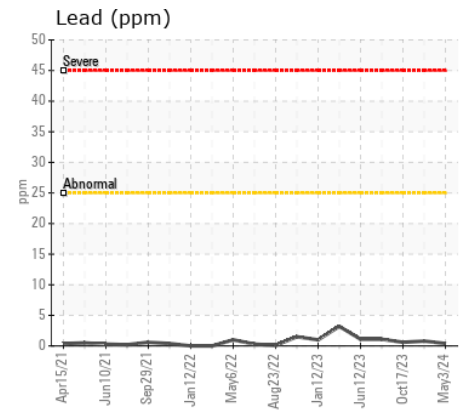
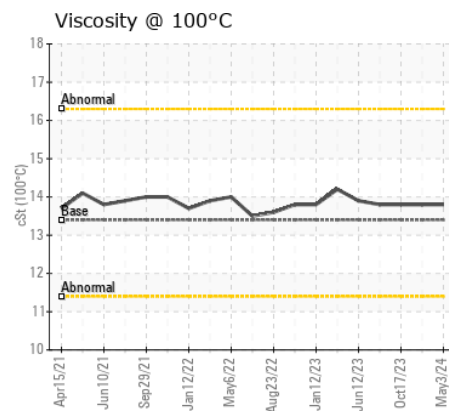
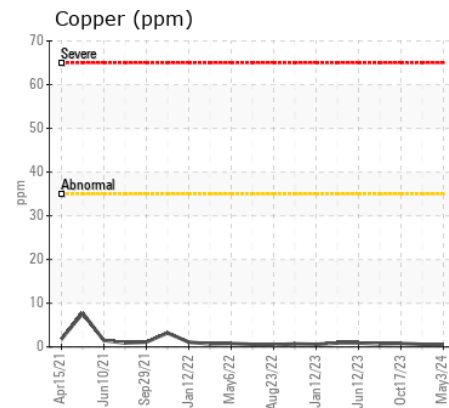
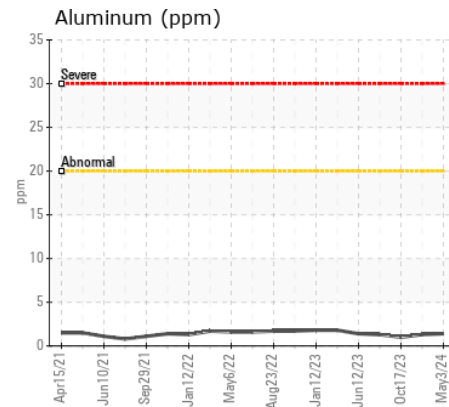
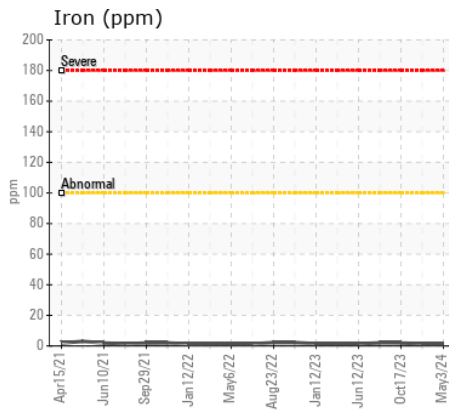
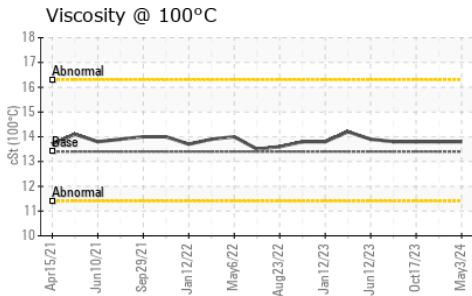
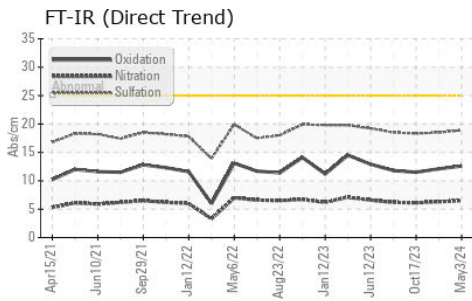
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>50	<1	2	2
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	0
Water		WC Method	>0.1	NEG	NEG	NEG
Soot %	%	ASTM D7844*		0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	6.5	6.3	6.1
Sulfation	Abs/.1mm	ASTM D7415*	>30	18.9	18.5	18.3
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		<1	<1	<1
Boron	ppm	ASTM D5185(m)	2	2	<1	1
Barium	ppm	ASTM D5185(m)	3	0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	<1
Manganese	ppm	ASTM D5185(m)	0	0	0	0
Magnesium	ppm	ASTM D5185(m)	4	8	10	10
Calcium	ppm	ASTM D5185(m)	1727	1851	1876	1912
Phosphorus	ppm	ASTM D5185(m)	272	274	285	288
Zinc	ppm	ASTM D5185(m)	333	338	345	358
Sulfur	ppm	ASTM D5185(m)	3415	2682	2981	2838
Oxidation	Abs/.1mm	ASTM D7414*	>25	12.6	12.1	11.5
Visc @ 100°C	cSt	ASTM D7279(m)	13.4	13.8	13.8	13.8



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0915635
Lab Number : 02636014
Unique Number : 5785176
Test Package : MOB 1

Received : 16 May 2024
Tested : 16 May 2024
Diagnosed : 16 May 2024 - Wes Davis

Martin Energy Group Canada
 5531 Schummer Line
 Linwood, ON
 CA N0B 2A0
 Contact: Allen Steiner
 asteiner@martinenergygroup.com
 T: (226)545-0230
 F:

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.