



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
5410008866-02J17
 Component
Transmission (Manual)
 Fluid
MOBIL DELVAC 1 ATF TES-295 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC877066	WC876644	WC975614
Sample Date		Client Info		11 Jun 2024	29 Mar 2021	06 Sep 2017
Machine Age	kms	Client Info		0	0	0
Oil Age	kms	Client Info		1834	0	2811
Filter Age	kms	Client Info		1834	0	0
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

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>280	28	20	11
Chromium	ppm	ASTM D5185(m)	>3	0	<1	0
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	0
Titanium	ppm	ASTM D5185(m)	>3	0	0	0
Silver	ppm	ASTM D5185(m)	>24	<1	<1	0
Aluminum	ppm	ASTM D5185(m)	>50	4	2	1
Lead	ppm	ASTM D5185(m)	>75	7	3	4
Copper	ppm	ASTM D5185(m)	>305	30	9	11
Tin	ppm	ASTM D5185(m)	>8	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	VLITE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

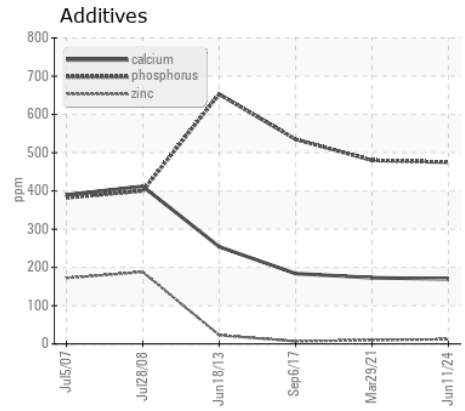
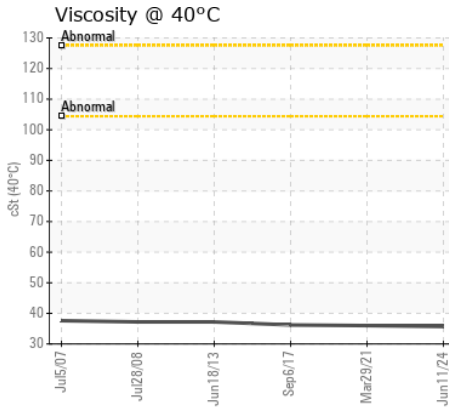
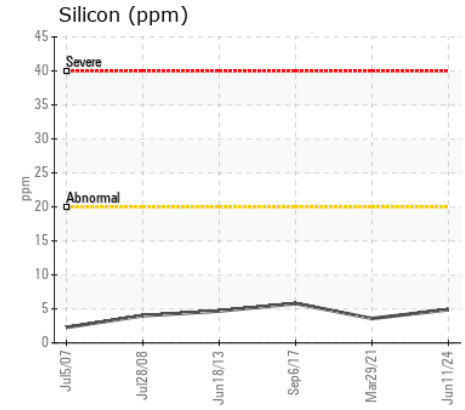
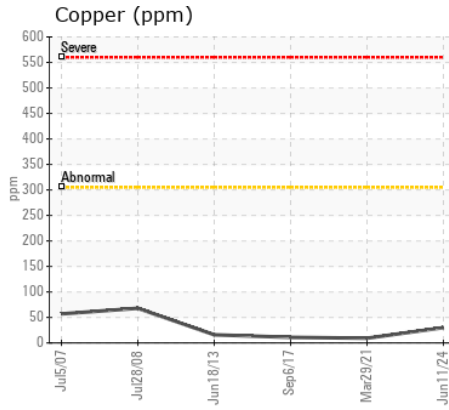
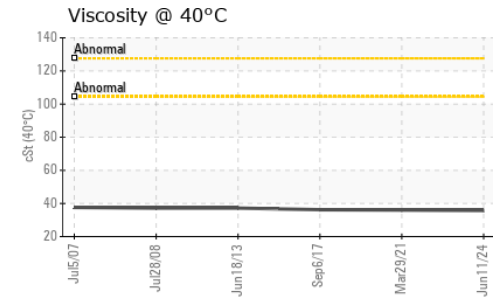
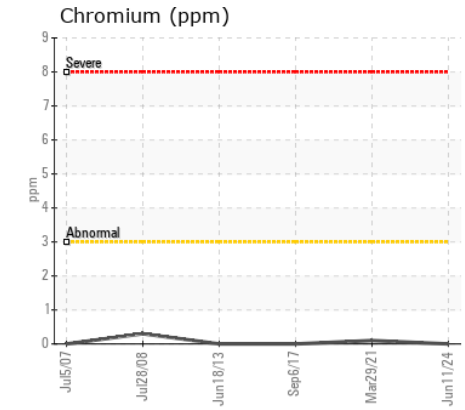
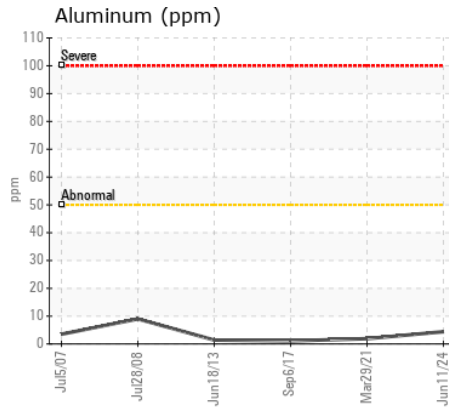
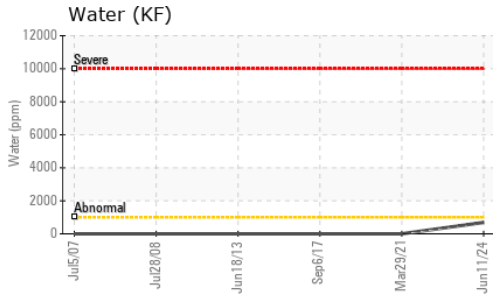
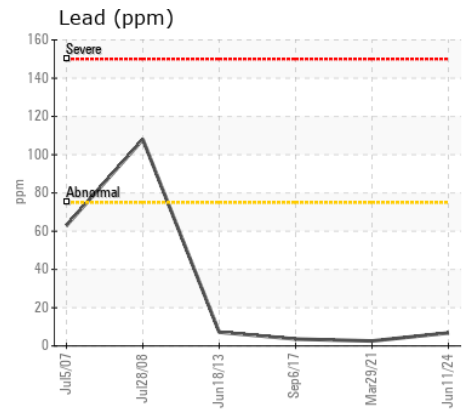
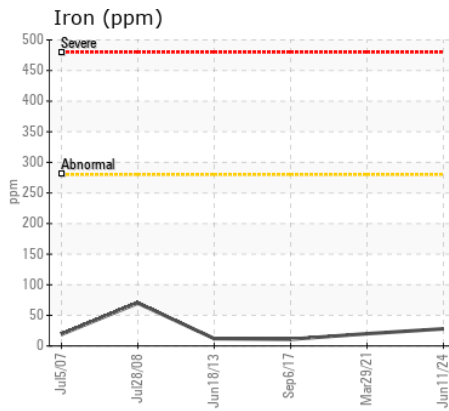
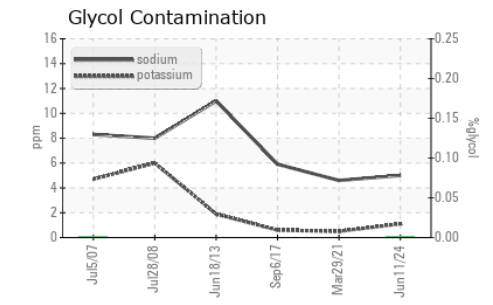
The water content is negligible. There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	5	4	6
Potassium	ppm	ASTM D5185(m)	>20	1	<1	<1
Water	%	ASTM D6304*	>0.1	0.069	---	---
ppm Water	ppm	ASTM D6304*	>1000	691	---	---
Glycol	%	ASTM D7922*		0.0	---	---
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	WGOIL	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		5	5	6
Boron	ppm	ASTM D5185(m)		210	221	237
Barium	ppm	ASTM D5185(m)		<1	<1	<1
Molybdenum	ppm	ASTM D5185(m)		0	<1	0
Manganese	ppm	ASTM D5185(m)		<1	<1	<1
Magnesium	ppm	ASTM D5185(m)		<1	<1	<1
Calcium	ppm	ASTM D5185(m)		170	173	184
Phosphorus	ppm	ASTM D5185(m)		475	480	535
Zinc	ppm	ASTM D5185(m)		12	10	7
Sulfur	ppm	ASTM D5185(m)		1541	1669	1650
Visc @ 40°C	cSt	ASTM D7279(m)		35.7	36.0	36.2



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC877066
Lab Number : 02642368
Unique Number : 5799907
Test Package : MOB 1 (Additional Tests: GLYCOL, KF)

Received : 17 Jun 2024
Tested : 20 Jun 2024
Diagnosed : 20 Jun 2024 - Kevin Marson

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.

DEPARTMENT OF NATIONAL DEFENSE
 MGEN.GEORGE R.PEARKE'S BUILDING
 OTTAWA, ON
 CA K1A 0K2
 Contact: Philippe Charron
 philippe.charron@forces.gc.ca
 T: (514)252-2777
 F: (819)997-9989