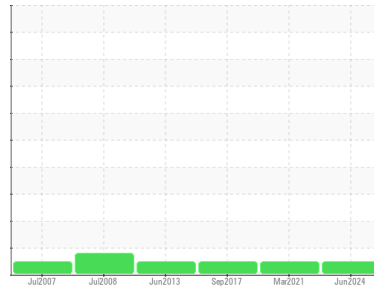




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
5410008866-02J17

Component
Transmission (Manual)

Fluid
MOBIL DELVAC 1 ATF TES-295 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

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

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	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
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2	
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
Antimony	ppm	ASTM D5185(m)	>350	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	0	0

ADDITIVES

	method	limit/base	current	history1	history2	
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
Lithium	ppm	ASTM D5185(m)		<1	<1	<1

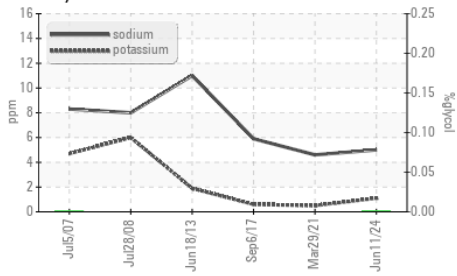
CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>20	5	4	6
Sodium	ppm	ASTM D5185(m)		5	5	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	---	---

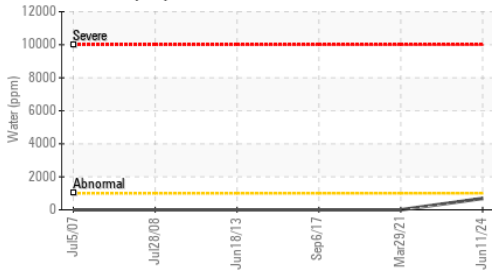


OIL ANALYSIS REPORT

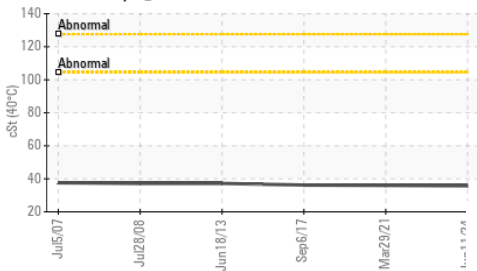
Glycol Contamination



Water (KF)



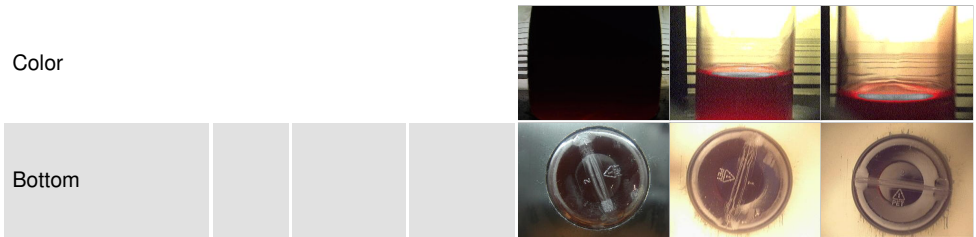
Viscosity @ 40°C



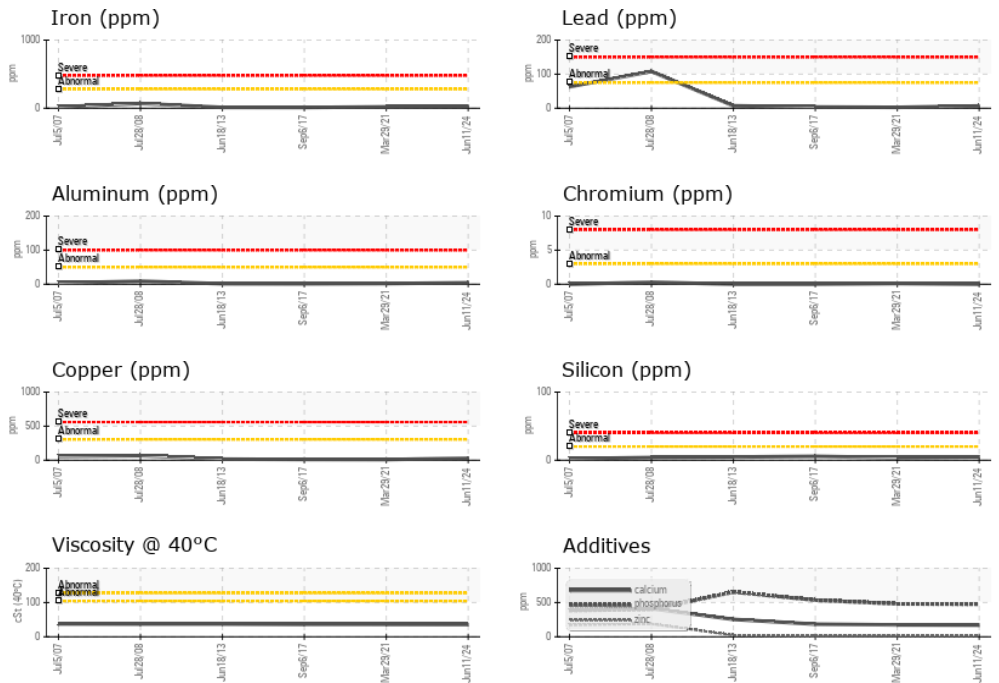
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	35.7	36.0	36.2

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC877066 **Received** : 17 Jun 2024
Lab Number : 02642368 **Tested** : 20 Jun 2024
Unique Number : 5799907 **Diagnosed** : 20 Jun 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: GLYCOL, KF)

DEPARTMENT OF NATIONAL DEFENSE
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 OTTAWA, ON
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 F: (819)997-9989

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.