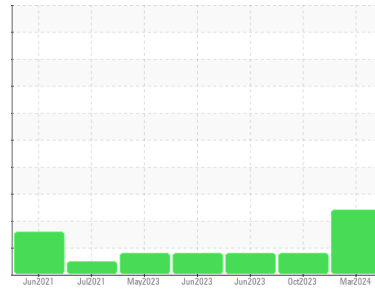




OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Machine Id
9255
 Component
Transmission (Auto)
 Fluid
PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- GAL)

DIAGNOSIS

Recommendation

Nous vous recommandons de vérifier tous les endroits par lesquels de la saleté peut pénétrer dans le système. Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Wear

Usure des engrenages. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion.

Contamination

Concentration modérée de saleté dans le fluide. Une grande quantité de saleté a provoqué une usure abrasive du composant.

Fluid Condition

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. Le fluide n'est plus en état de service en raison d'une usure anormale et/ou sévère.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0114856	GFL0097099	GFL0084476
Sample Date	Client Info		26 Mar 2024	05 Oct 2023	22 Jun 2023
Machine Age	hrs	Client Info	18496	17340	354046
Oil Age	hrs	Client Info	0	1200	0
Oil Changed	Client Info		Not Changed	Not Changd	Not Changed
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*	>75	17	15	5
Iron	ppm	ASTM D5185(m)	>220	▲ 294	▲ 282
Chromium	ppm	ASTM D5185(m)	>2	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	0	<1
Titanium	ppm	ASTM D5185(m)		0	0
Silver	ppm	ASTM D5185(m)	>5	0	<1
Aluminum	ppm	ASTM D5185(m)	>75	62	57
Lead	ppm	ASTM D5185(m)	>95	6	7
Copper	ppm	ASTM D5185(m)	>60	14	14
Tin	ppm	ASTM D5185(m)	>10	2	2
Antimony	ppm	ASTM D5185(m)	>2	0	0
Vanadium	ppm	ASTM D5185(m)		0	0
Beryllium	ppm	ASTM D5185(m)		0	0
Cadmium	ppm	ASTM D5185(m)		0	0

ADDITIVES

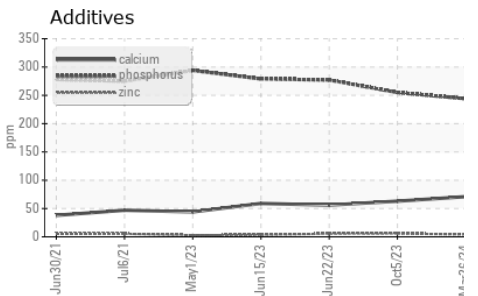
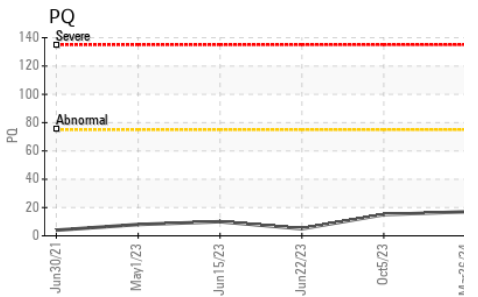
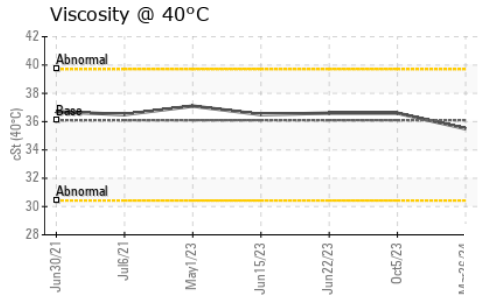
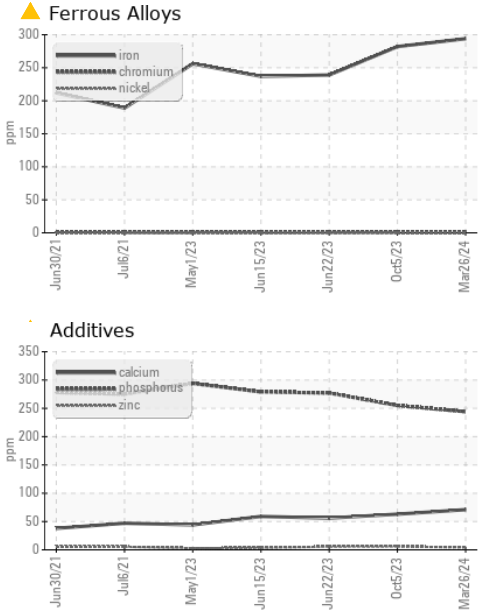
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		91	103
Barium	ppm	ASTM D5185(m)		0	0
Molybdenum	ppm	ASTM D5185(m)		0	0
Manganese	ppm	ASTM D5185(m)		<1	1
Magnesium	ppm	ASTM D5185(m)		2	<1
Calcium	ppm	ASTM D5185(m)		71	63
Phosphorus	ppm	ASTM D5185(m)		244	255
Zinc	ppm	ASTM D5185(m)		4	6
Sulfur	ppm	ASTM D5185(m)		686	557
Lithium	ppm	ASTM D5185(m)		<1	<1

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	▲ 26	24
Sodium	ppm	ASTM D5185(m)		5	5
Potassium	ppm	ASTM D5185(m)	>20	2	2



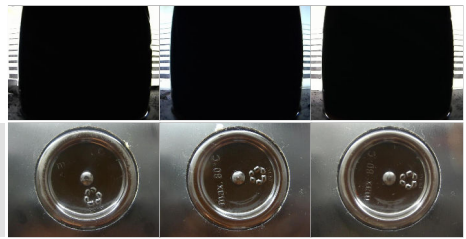
OIL ANALYSIS REPORT



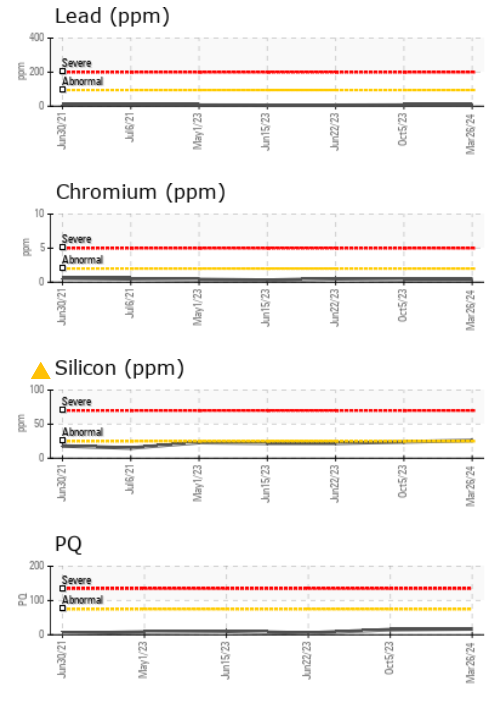
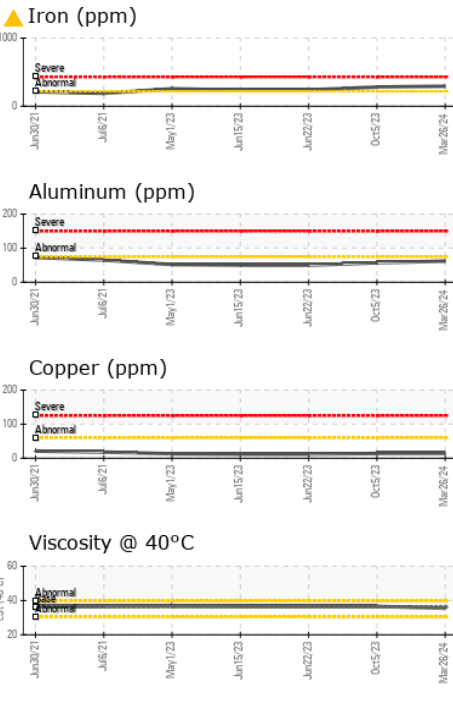
PARAMETER	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	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

PARAMETER	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	35.5	36.6

PARAMETER	method	limit/base	current	history1	history2
Color					
Bottom					



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0114856
Lab Number : 02626122
Unique Number : 5759254
Test Package : MOB 1 (Additional Tests: PQ)
Received : 02 Apr 2024
Tested : 03 Apr 2024
Diagnosed : 03 Apr 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.

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