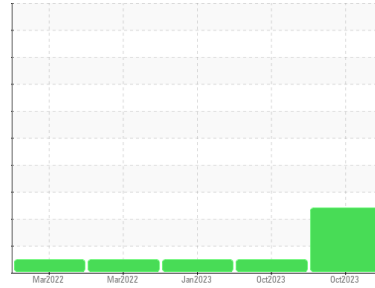


OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
EPT11056R

Component
Transmission (Auto)

Fluid
CASTROL TRANSYND (--- GAL)

DIAGNOSIS

Recommendation

Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Wear

Il y a indication d'usure du convertisseur de couple. Usure de disque d'embrayage. Usure de palier.

Contamination

Il n'y a aucun indice de contamination dans le fluide.

Fluid Condition

Le AN est acceptable pour ce fluide. 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	WA0019619	WA0019287	WA0018839
Sample Date	Client Info	02 Oct 2023	02 Oct 2023	18 Jan 2023
Machine Age	hrs	0	0	0
Oil Age	hrs	5054	5054	317
Oil Changed	Client Info	Not Chngd	Not Chngd	Not Chngd
Sample Status		ABNORMAL	NORMAL	NORMAL

WEAR METALS

method	limit/base	current	history1	history2		
PQ	ASTM D8184*	>50	0	---	---	
Iron	ppm	ASTM D5185(m)	>160	86	113	67
Chromium	ppm	ASTM D5185(m)	>5	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	<1	0	1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>5	<1	<1	0
Aluminum	ppm	ASTM D5185(m)	>50	▲ 35	4	25
Lead	ppm	ASTM D5185(m)	>50	▲ 33	1	29
Copper	ppm	ASTM D5185(m)	>225	31	35	14
Tin	ppm	ASTM D5185(m)	>10	▲ 5	0	4
Antimony	ppm	ASTM D5185(m)		0	<1	<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)	150	83	69	98
Barium	ppm	ASTM D5185(m)	0	<1	<1	<1
Molybdenum	ppm	ASTM D5185(m)	0	<1	0	<1
Manganese	ppm	ASTM D5185(m)		2	2	2
Magnesium	ppm	ASTM D5185(m)	0	<1	2	<1
Calcium	ppm	ASTM D5185(m)	40	51	81	39
Phosphorus	ppm	ASTM D5185(m)	320	246	253	283
Zinc	ppm	ASTM D5185(m)	5	9	18	4
Sulfur	ppm	ASTM D5185(m)	1050	716	814	662
Lithium	ppm	ASTM D5185(m)		<1	<1	<1

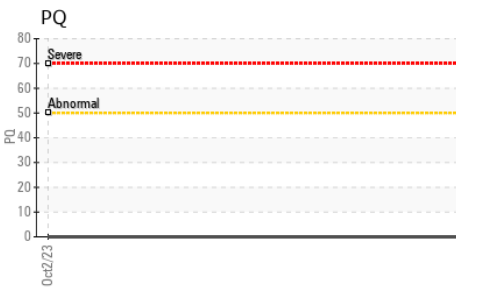
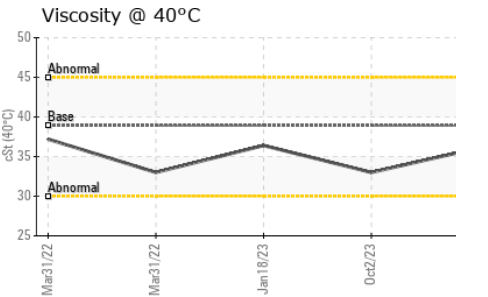
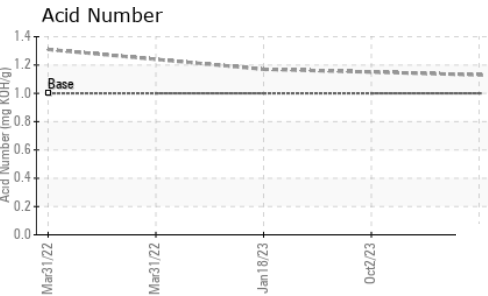
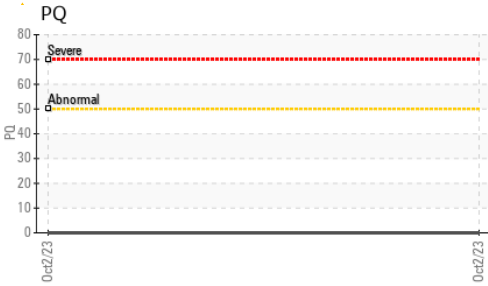
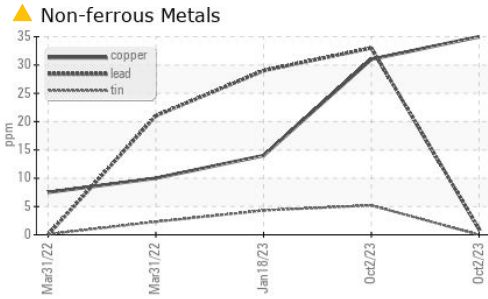
CONTAMINANTS

method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185(m)	>20	7	8	5
Sodium	ppm	ASTM D5185(m)		9	9	6
Potassium	ppm	ASTM D5185(m)	>20	6	0	4

FLUID DEGRADATION

method	limit/base	current	history1	history2		
Acid Number (AN)	mg KOH/g	ASTM D974*	1.0	1.13	---	1.17

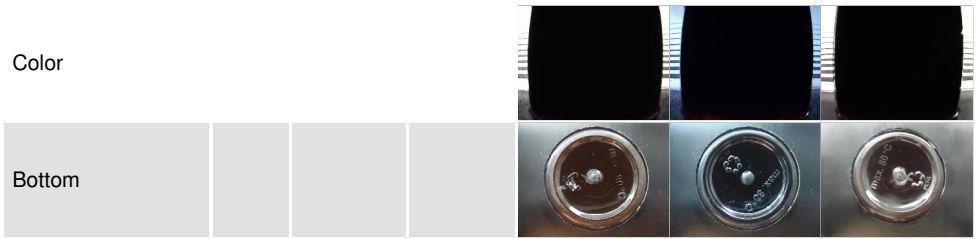
OIL ANALYSIS REPORT



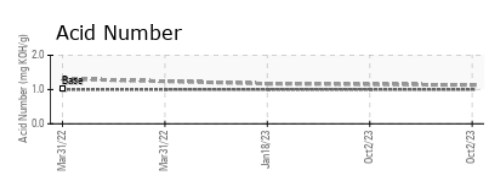
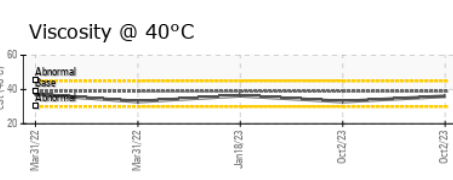
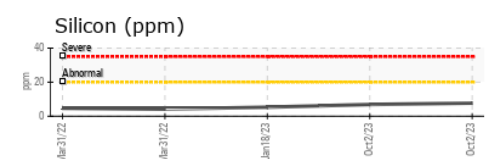
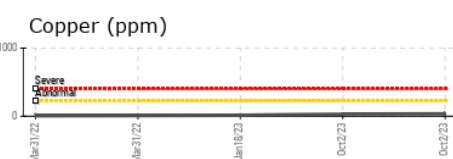
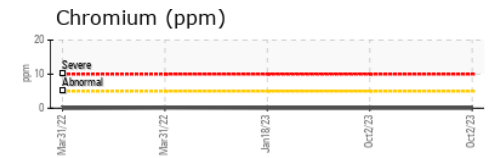
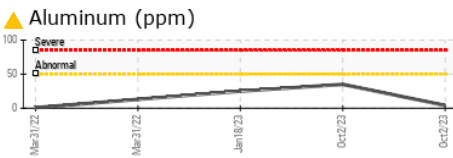
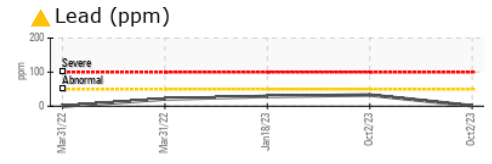
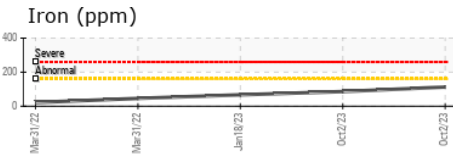
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	36.1	33.0

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0019619 **Received** : 04 Oct 2023
Lab Number : 02586815 **Diagnosed** : 06 Oct 2023
Unique Number : 5655881 **Diagnostician** : Kevin Marson
Test Package : MOB 2 (Additional Tests: PQ, TAN Man)

ORICA CANADA INC.
 1495 4 RUE
 VALD'OR, QC
 CA J9P 6X1
 Contact: Jocelyn Laroche
 jocelyn.laroche@orica.com
 T: (819)860-1320
 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.