

Machine Id
3567
 Component
Rear Transmission (Auto)
 Fluid
CASTROL TRANSYND (15 LTR)

DIAGNOSIS

Recommendation

Confirm the source of the lubricant being utilized for top-up/fill. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide était spécifié comme CASTROL TRANSYND, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du Mineral ATF. Veuillez confirmer la viscosité de l'huile et veuillez préciser la marque de votre prochain échantillon.

Wear

Les taux d'usure de tous les composants sont normaux.

Contamination

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

Fluid Condition

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. Le AN est acceptable pour ce fluide. L'état de le fluide permet d'en prolonger l'utilisation.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PC0073581	PC0050115	PC429413
Sample Date	Client Info		07 Jul 2023	13 Jul 2021	01 Apr 2019
Machine Age	kms	Client Info	538190	0	0
Oil Age	kms	Client Info	120606	113796	28428
Oil Changed	Client Info		Changed	Changed	Changed
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2	
PQ	ASTM D8184*	>50	27	---	---	
Iron	ppm	ASTM D5185(m)	>160	128	34	77
Chromium	ppm	ASTM D5185(m)	>5	<1	0	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		<1	0	0
Silver	ppm	ASTM D5185(m)	>5	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>50	29	5	19
Lead	ppm	ASTM D5185(m)	>50	<1	<1	<1
Copper	ppm	ASTM D5185(m)	>225	16	15	2
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Antimony	ppm	ASTM D5185(m)		0	0	0
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	51	50	115
Barium	ppm	ASTM D5185(m)	0	<1	0	<1
Molybdenum	ppm	ASTM D5185(m)	0	4	2	0
Manganese	ppm	ASTM D5185(m)		1	2	<1
Magnesium	ppm	ASTM D5185(m)	0	56	10	<1
Calcium	ppm	ASTM D5185(m)	40	158	111	32
Phosphorus	ppm	ASTM D5185(m)	320	257	200	265
Zinc	ppm	ASTM D5185(m)	5	71	18	5
Sulfur	ppm	ASTM D5185(m)	1050	1361	1274	217
Lithium	ppm	ASTM D5185(m)		<1	<1	0

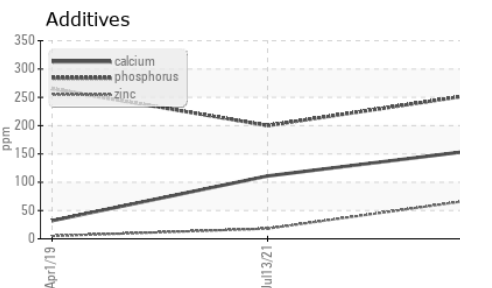
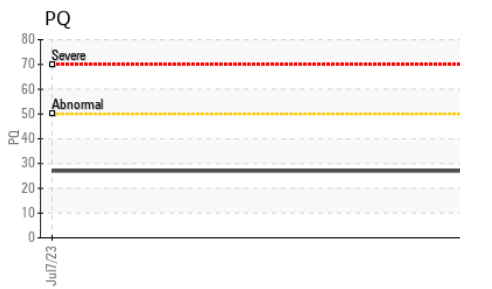
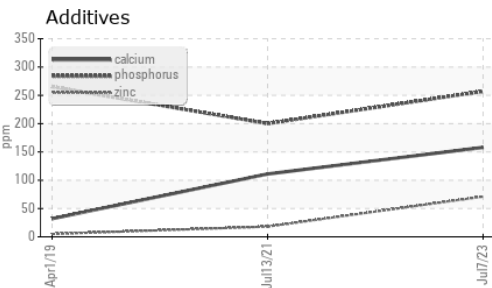
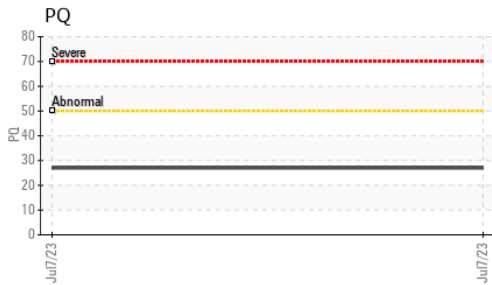
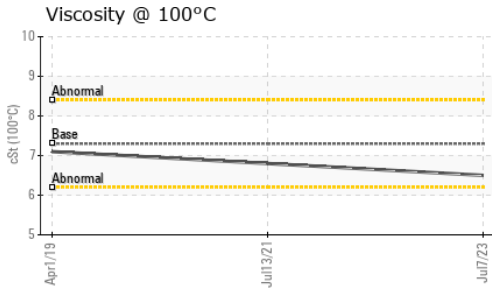
CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>20	9	7	8
Sodium	ppm	ASTM D5185(m)		20	17	4
Potassium	ppm	ASTM D5185(m)	>20	2	<1	<1

FLUID DEGRADATION

	method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D974*	1.0	0.94	2.24	---

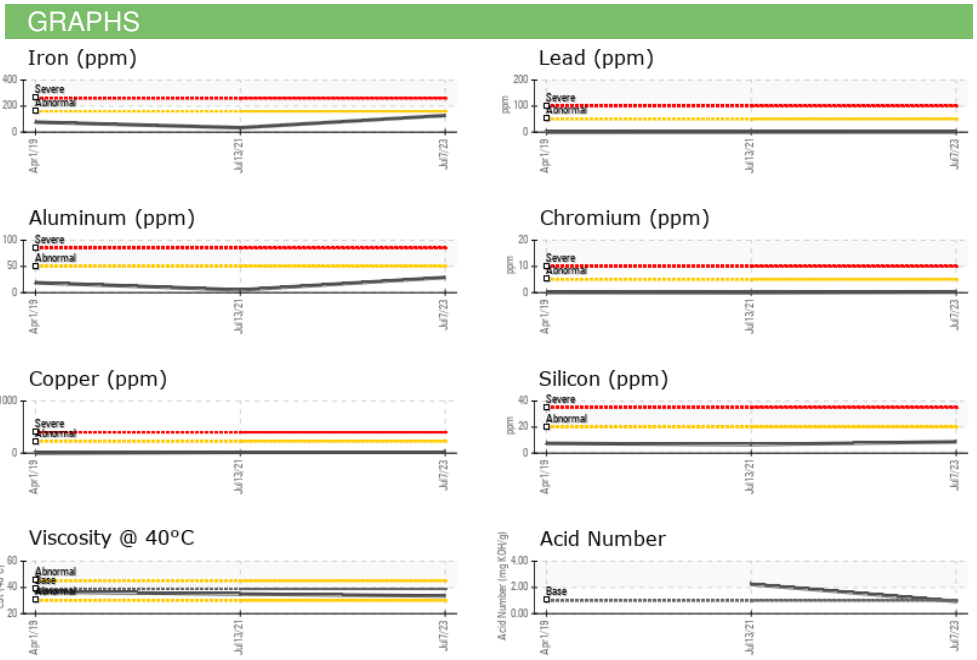
OIL ANALYSIS REPORT



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	33.5	35.0
Visc @ 100°C	cSt	ASTM D7279(m)	7.3	6.5	6.8
Viscosity Index (VI)	Scale	ASTM D2270*	168	151	156

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0073581 **Received** : 02 Aug 2023
Lab Number : **02573774** **Diagnosed** : 03 Aug 2023
Unique Number : 5618825 **Diagnostician** : Kevin Marson
Test Package : MOB 2 (Additional Tests: KV100, PQ, TAN Man, VI)

TRANSDEV ST-JEAN
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 ST-JEAN-SUR-RICHELIEU, QC
 CA J3B 8T2
 Contact: Eric Breton
 eric.breton@transdev.com

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.