



Machine Id
704217

Component
Transmission (Auto)

Fluid
CASTROL TRANSYND (--- GAL)



DIAGNOSIS

Recommendation

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Wear

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

Contamination

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

Fluid Condition

La viscosité de le fluide est inférieure à la viscosité type, ce qui pourrait indiquer l'ajout d'un grade d'huile plus léger. 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		PC0079455	---	---
Sample Date	Client Info		09 Jan 2024	---	---
Machine Age	kms	Client Info	105936	---	---
Oil Age	kms	Client Info	105936	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			ABNORMAL	---	---

CONTAMINATION

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

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*	>50	7	---	---
Iron	ppm	ASTM D5185(m) >160	▲ 242	---	---
Chromium	ppm	ASTM D5185(m) >5	<1	---	---
Nickel	ppm	ASTM D5185(m) >5	<1	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m) >5	<1	---	---
Aluminum	ppm	ASTM D5185(m) >50	39	---	---
Lead	ppm	ASTM D5185(m) >50	2	---	---
Copper	ppm	ASTM D5185(m) >225	50	---	---
Tin	ppm	ASTM D5185(m) >10	4	---	---
Antimony	ppm	ASTM D5185(m)	0	---	---
Vanadium	ppm	ASTM D5185(m)	0	---	---
Beryllium	ppm	ASTM D5185(m)	0	---	---
Cadmium	ppm	ASTM D5185(m)	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 150	41	---	---
Barium	ppm	ASTM D5185(m) 0	2	---	---
Molybdenum	ppm	ASTM D5185(m) 0	0	---	---
Manganese	ppm	ASTM D5185(m)	34	---	---
Magnesium	ppm	ASTM D5185(m) 0	2	---	---
Calcium	ppm	ASTM D5185(m) 40	64	---	---
Phosphorus	ppm	ASTM D5185(m) 320	158	---	---
Zinc	ppm	ASTM D5185(m) 5	9	---	---
Sulfur	ppm	ASTM D5185(m) 1050	1617	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---

CONTAMINANTS

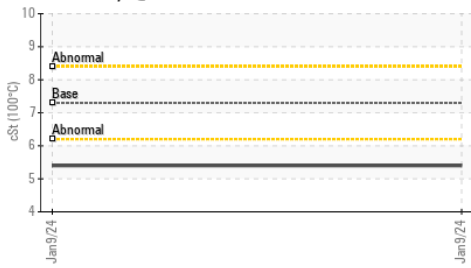
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	9	---	---
Sodium	ppm	ASTM D5185(m)	10	---	---
Potassium	ppm	ASTM D5185(m) >20	9	---	---

FLUID DEGRADATION

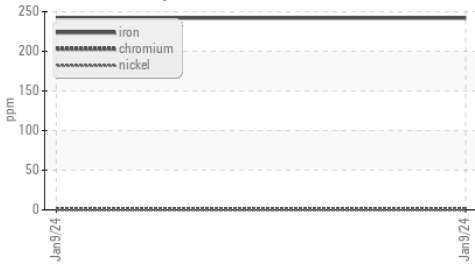
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974* 1.0	1.19	---	---

OIL ANALYSIS REPORT

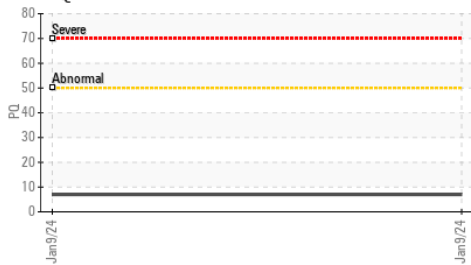
▲ Viscosity @ 100°C



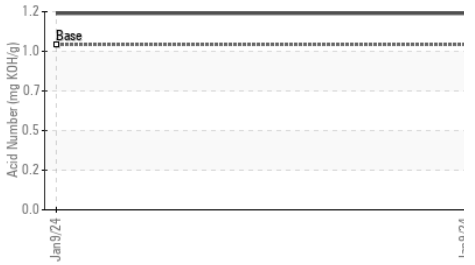
▲ Ferrous Alloys



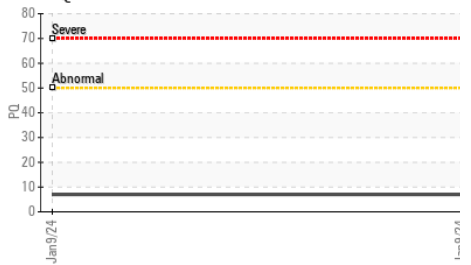
▲ PQ



Acid Number



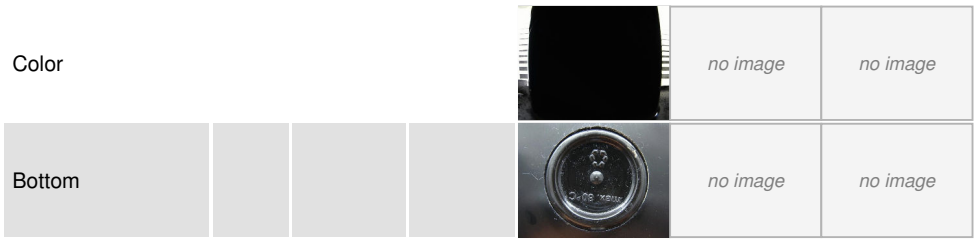
▲ PQ



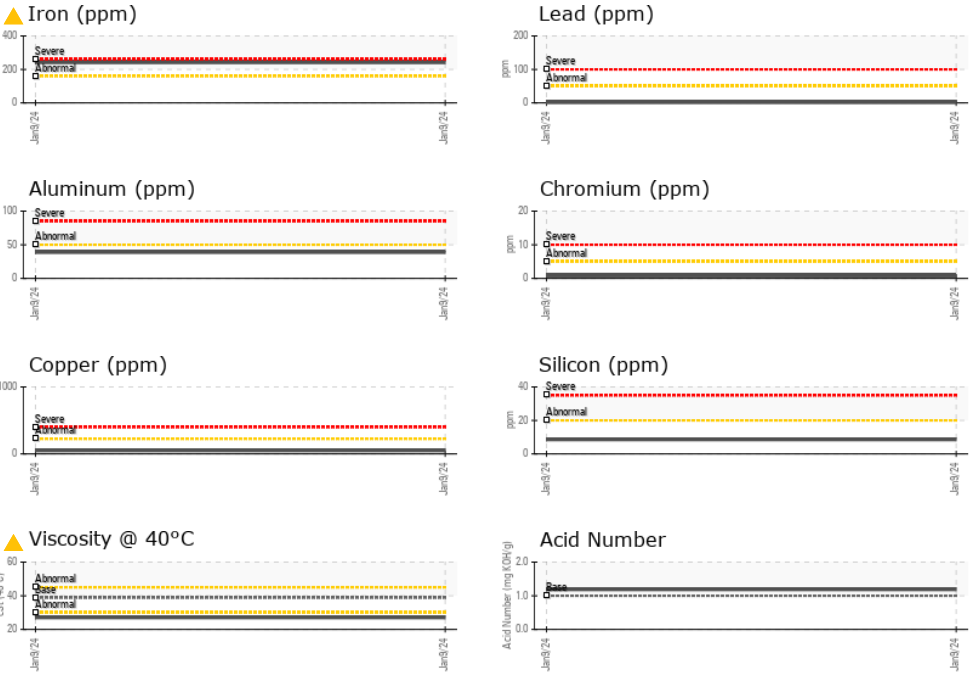
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	VLITE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	▲ 27.1	---
Visc @ 100°C	cSt	ASTM D7279(m)	7.3	▲ 5.4	---
Viscosity Index (VI)	Scale	ASTM D2270*	168	138	---

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. : PC0079455 **Received** : 30 Jan 2024
Lab Number : 02612189 **Tested** : 30 Jan 2024
Unique Number : 5721284 **Diagnosed** : 31 Jan 2024 - Bill Quesnel
Test Package : MOB 2 (Additional Tests: KV100, PQ, TAN Man, VI)

TRANSDEV ST-JEAN
 720 TROTTER
 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.

T:
F: