



Machine Id
5245
Component
Gasoline Engine
Fluid
SAE 5W30 (--- GAL)



DIAGNOSIS

Recommendation
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

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

Contamination
Légère dilution de carburant dans l'huile.

Fluid Condition
Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. Il y a du carburant dans l'huile, ce qui réduit la viscosité. L'état de l'huile permet d'en prolonger l'utilisation.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PC0074558	---	---
Sample Date	Client Info	17 Jul 2023	---	---
Machine Age	kms Client Info	6545	---	---
Oil Age	kms Client Info	6545	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Glycol	WC Method	NEG	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >150	20	---	---
Chromium	ppm ASTM D5185(m) >20	<1	---	---
Nickel	ppm ASTM D5185(m) >5	0	---	---
Titanium	ppm ASTM D5185(m)	<1	---	---
Silver	ppm ASTM D5185(m) >2	0	---	---
Aluminum	ppm ASTM D5185(m) >40	11	---	---
Lead	ppm ASTM D5185(m) >50	1	---	---
Copper	ppm ASTM D5185(m) >155	26	---	---
Tin	ppm ASTM D5185(m) >10	0	---	---
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)	68	---	---
Barium	ppm ASTM D5185(m)	<1	---	---
Molybdenum	ppm ASTM D5185(m)	126	---	---
Manganese	ppm ASTM D5185(m)	4	---	---
Magnesium	ppm ASTM D5185(m)	361	---	---
Calcium	ppm ASTM D5185(m)	1254	---	---
Phosphorus	ppm ASTM D5185(m)	710	---	---
Zinc	ppm ASTM D5185(m)	754	---	---
Sulfur	ppm ASTM D5185(m)	2306	---	---
Lithium	ppm ASTM D5185(m)	<1	---	---

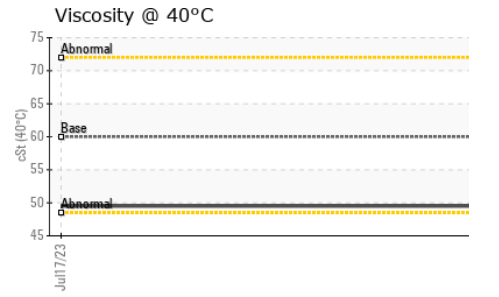
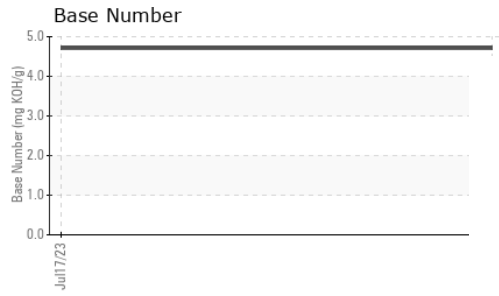
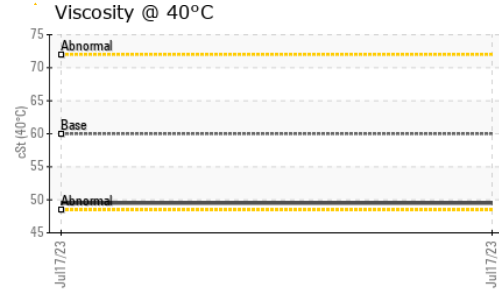
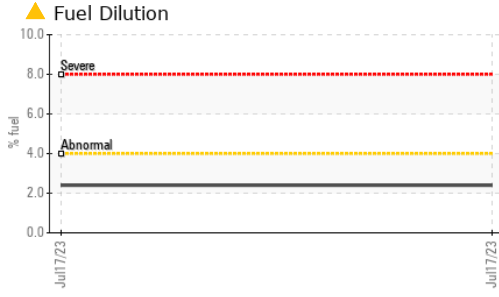
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >30	82	---	---
Sodium	ppm ASTM D5185(m) >400	7	---	---
Potassium	ppm ASTM D5185(m) >20	4	---	---
Fuel	% ASTM D7593* >4.0	▲ 2.4	---	---

INFRA-RED

method	limit/base	current	history1	history2
Soot %	% ASTM D7844*	0	---	---
Nitration	Abs/cm ASTM D7624* >20	9.0	---	---
Sulfation	Abs/.1mm ASTM D7415* >30	20.9	---	---

OIL ANALYSIS REPORT

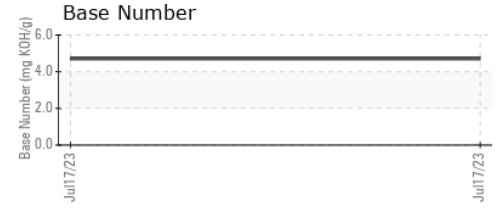
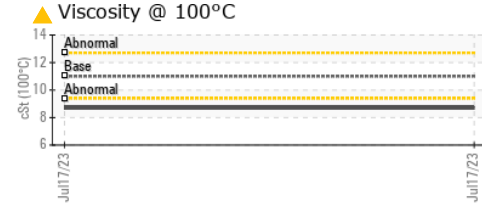
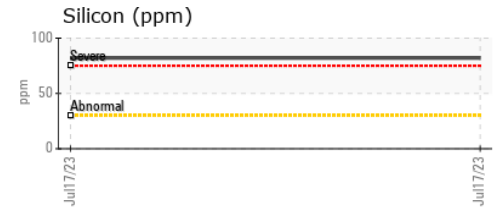
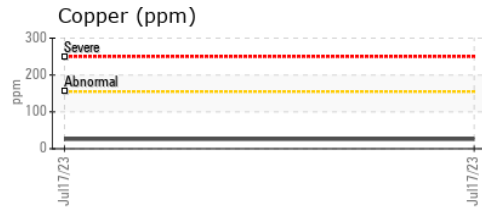
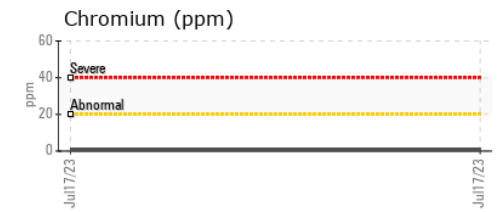
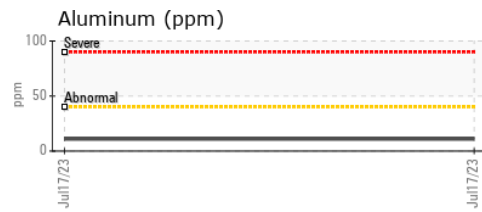
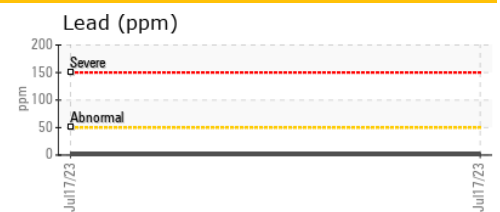
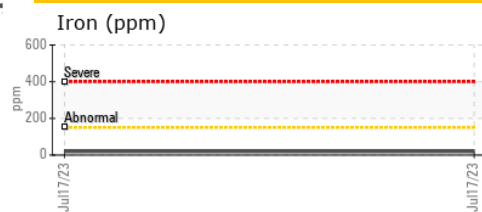


FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs./1mm	ASTM D7414*	>25	13.7	---	---
Base Number (BN)	mg KOH/g	ASTM D2896*		4.71	---	---

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	VLITE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---
Free Water	scalar	Visual*		NEG	---	---

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	60.0	49.5	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	11.0	▲ 8.7	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	177	155	---	---

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0074558 **Received** : 02 Aug 2023
Lab Number : **02573691** **Diagnosed** : 03 Aug 2023
Unique Number : 5618742 **Diagnostician** : Wes Davis
Test Package : MOB 2 (Additional Tests: FuelDilution, KV40, PercentFuel, VI)

TRANSDEV ST-JEAN
 720 TROTTER
 ST-JEAN-SUR-RICHELIEU, QC
 CA J3B 8T2
 Contact: Mario Dupuis
 mario.dupuis@transdev.ca
 T:
 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.