

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

RECOMMENDATION

Aucune mesure corrective n'est recommandée pour l'instant.
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0079585	PC0079608	PC0079822
Sample Date		Client Info		18 Jan 2024	30 Nov 2023	30 Nov 2023
Machine Age	kms	Client Info		33025	26520	26220
Oil Age	kms	Client Info		6505	2807	2807
Filter Age	kms	Client Info		6505	2807	2807
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>150	4	3	4
Chromium	ppm	ASTM D5185(m)	>20	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)	>2	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>40	2	2	2
Lead	ppm	ASTM D5185(m)	>50	0	<1	<1
Copper	ppm	ASTM D5185(m)	>155	<1	<1	1
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

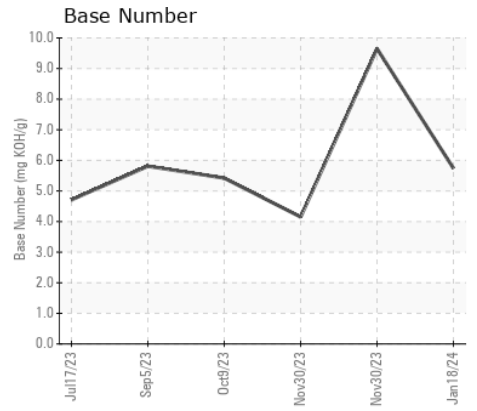
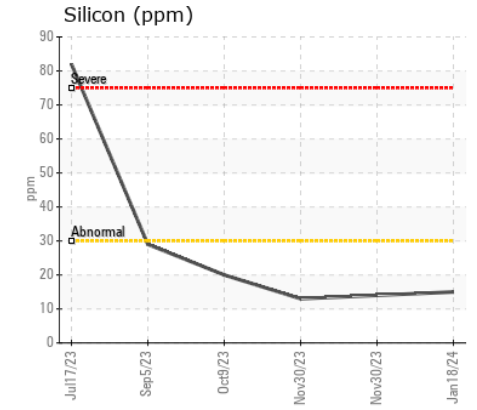
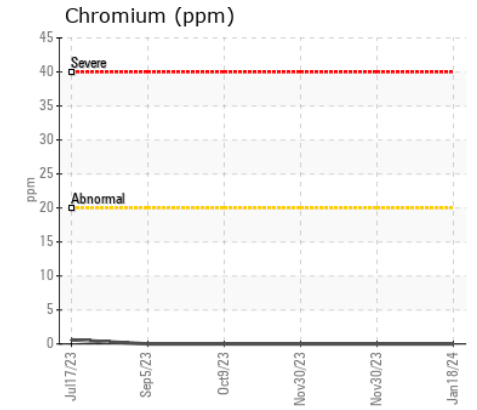
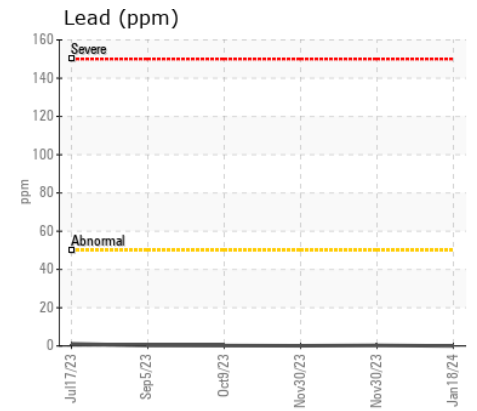
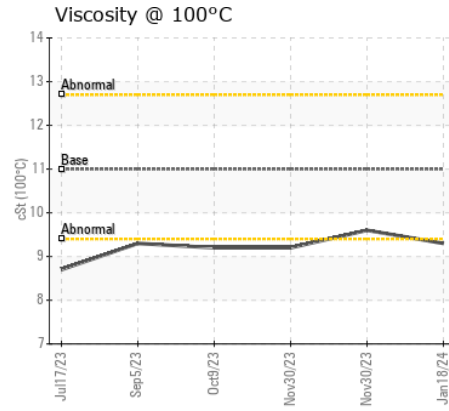
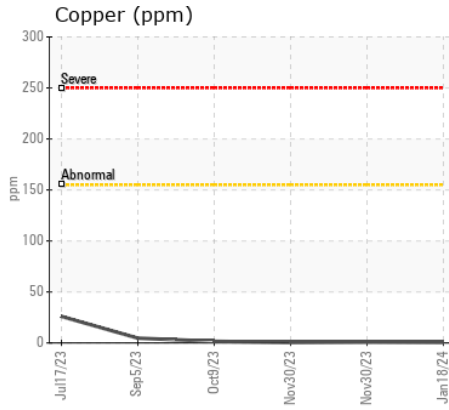
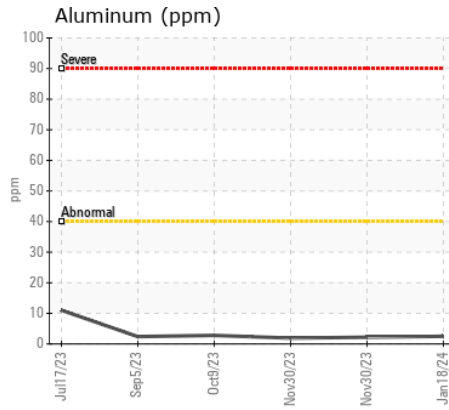
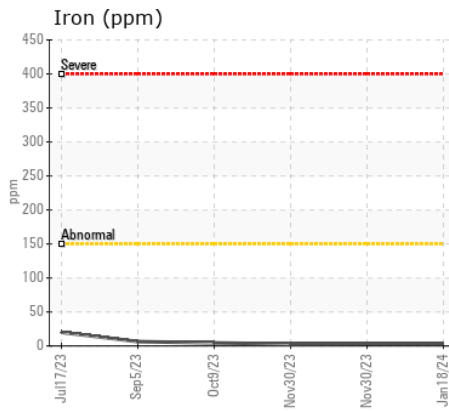
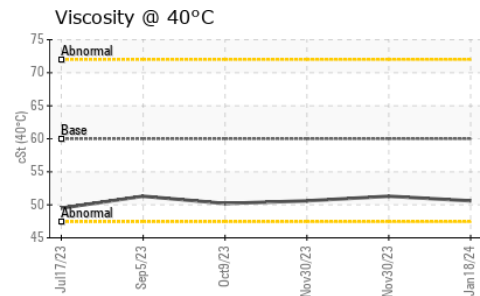
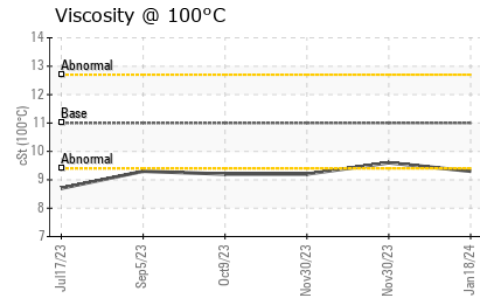
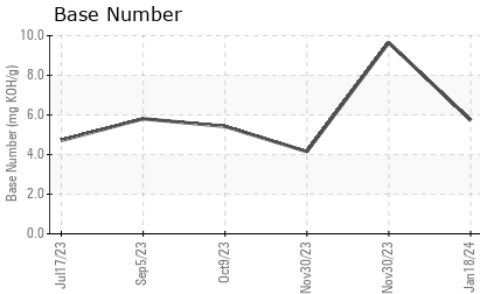
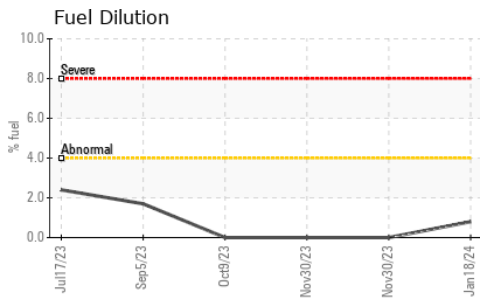
La teneur en carburant est négligeable. Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>30	15	13	14
Potassium	ppm	ASTM D5185(m)	>20	1	0	0
Fuel	%	ASTM D7593*	>4.0	0.8	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*		0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	9.0	7.5	9.4
Sulfation	Abs/.1mm	ASTM D7415*	>30	18.7	16.4	19.7
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'état de l'huile permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)	>400	2	2	2
Boron	ppm	ASTM D5185(m)		142	173	103
Barium	ppm	ASTM D5185(m)		0	<1	<1
Molybdenum	ppm	ASTM D5185(m)		68	72	66
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)		461	514	469
Calcium	ppm	ASTM D5185(m)		1181	1201	1132
Phosphorus	ppm	ASTM D5185(m)		570	660	596
Zinc	ppm	ASTM D5185(m)		700	755	706
Sulfur	ppm	ASTM D5185(m)		2460	2407	2232
Oxidation	Abs/.1mm	ASTM D7414*	>25	11.6	10.1	13.0
Base Number (BN)	mg KOH/g	ASTM D2896*		5.74	9.65	4.15
Visc @ 40°C	cSt	ASTM D7279(m)	60.0	50.6	51.3	50.6
Visc @ 100°C	cSt	ASTM D7279(m)	11.0	9.3	9.6	9.2
Viscosity Index (VI)	Scale	ASTM D2270*	177	168	174	165



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0079585
Lab Number : 02610277
Unique Number : 5711363
Test Package : MOB 2 (Additional Tests: FuelDilution, KV40, PercentFuel, VI)

Received : 22 Jan 2024
Tested : 23 Jan 2024
Diagnosed : 23 Jan 2024 - Kevin Marson

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

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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