

Machine Id
5217
Component
Gasoline Engine
Fluid
SAE 5W30 (--- GAL)

RECOMMENDATION

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Aucune autre mesure corrective n'est recommandée pour l'instant.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0079637	PC0079253	PC0079176
Sample Date		Client Info		19 Dec 2023	21 Nov 2023	23 Oct 2023
Machine Age	kms	Client Info		788951	72967	67610
Oil Age	kms	Client Info		5928	5357	5418
Filter Age	kms	Client Info		5928	5357	5418
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				MARGINAL	MARGINAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>150	2	2	3
Chromium	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	<1	0	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>40	1	1	2
Lead	ppm	ASTM D5185(m)	>50	<1	<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
Yellow Metal	scalar	Visual*	NONE	NONE	---	NONE

CONTAMINATION

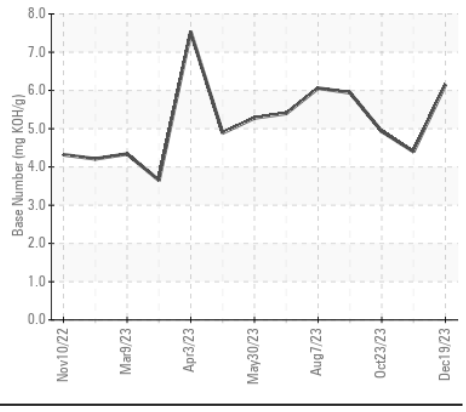
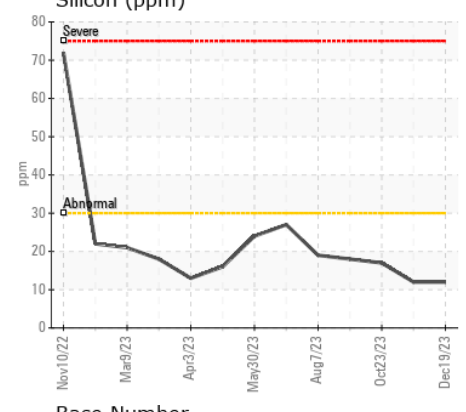
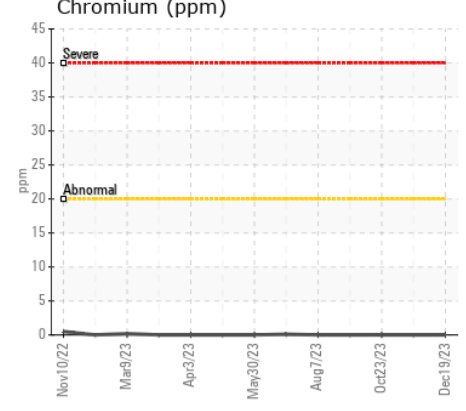
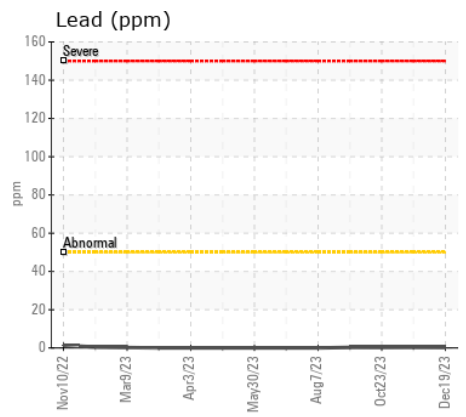
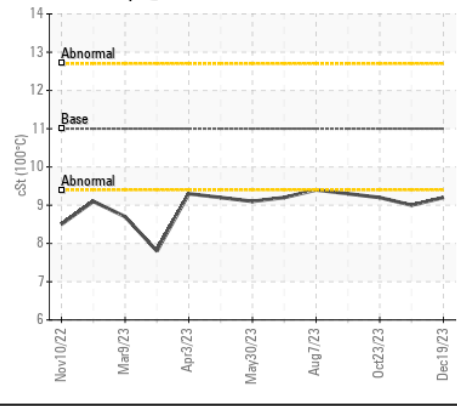
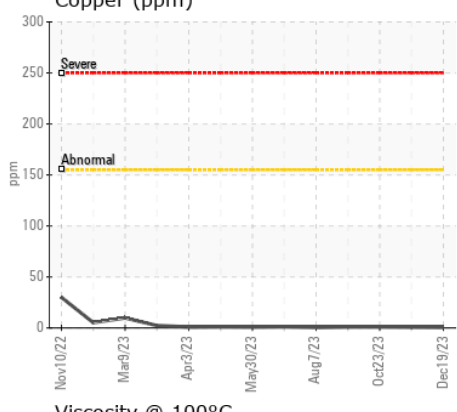
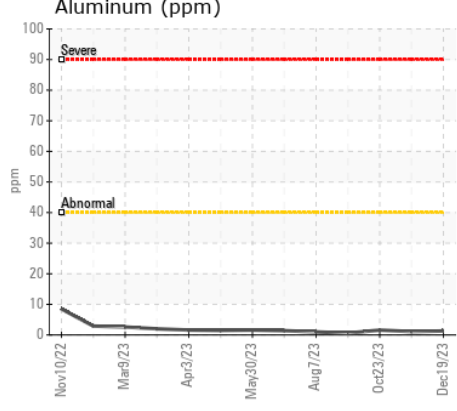
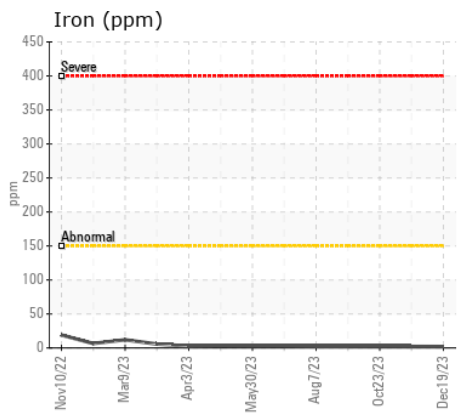
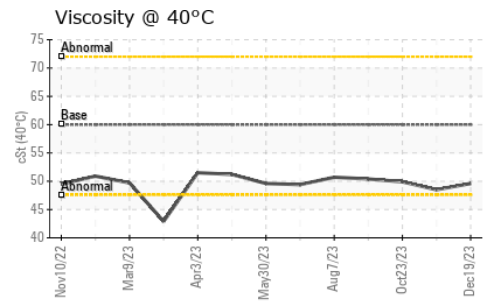
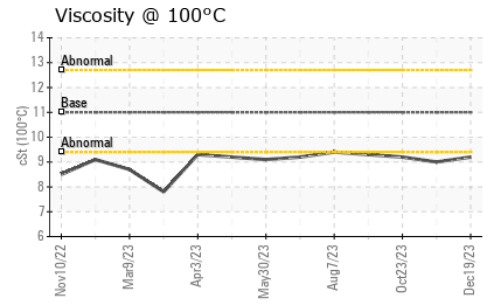
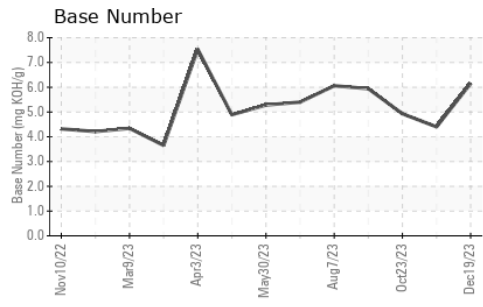
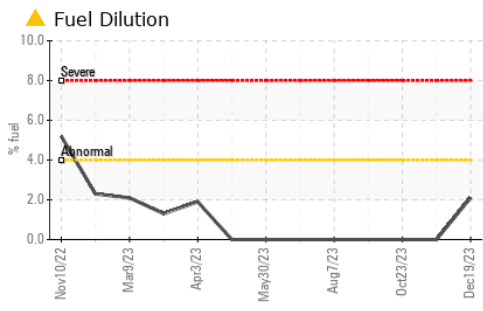
Légère dilution de carburant dans l'huile. Aucun autre contaminant n'a été détecté dans l'huile.

Silicon	ppm	ASTM D5185(m)	>30	12	12	17
Potassium	ppm	ASTM D5185(m)	>20	<1	0	0
Fuel	%	ASTM D7593*	>4.0	▲ 2.1	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	0.0	NEG
Soot %	%	ASTM D7844*		0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	9.0	9.1	8.8
Sulfation	Abs/.1mm	ASTM D7415*	>30	18.7	18.4	18.9
Silt	scalar	Visual*	NONE	NONE	---	NONE
Debris	scalar	Visual*	NONE	NONE	---	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	---	VLITE
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)		123	123	124
Barium	ppm	ASTM D5185(m)		0	<1	0
Molybdenum	ppm	ASTM D5185(m)		67	66	70
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)		464	463	501
Calcium	ppm	ASTM D5185(m)		1158	1122	1168
Phosphorus	ppm	ASTM D5185(m)		591	581	646
Zinc	ppm	ASTM D5185(m)		687	704	740
Sulfur	ppm	ASTM D5185(m)		2399	2261	2333
Oxidation	Abs/.1mm	ASTM D7414*	>25	11.8	11.7	12.3
Base Number (BN)	mg KOH/g	ASTM D2896*		6.15	4.40	4.93
Visc @ 40°C	cSt	ASTM D7279(m)	60.0	49.6	48.5	49.9
Visc @ 100°C	cSt	ASTM D7279(m)	11.0	9.2	9	9.2
Viscosity Index (VI)	Scale	ASTM D2270*	177	170	168	168



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0079637
Lab Number : 02605518
Unique Number : 5698603
Test Package : MOB 2 (Additional Tests: FuelDilution, KV40, PercentFuel, 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.