

Machine Id
509619
Component
Gasoline Engine
Fluid
SAE 5W30 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier la présence de particules métalliques visibles dans l'huile. Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0079413	PC0079870	PC0074380
Sample Date		Client Info		13 Mar 2024	04 Feb 2024	11 Jul 2023
Machine Age	kms	Client Info		238181	231404	200308
Oil Age	kms	Client Info		0	0	9746
Filter Age	kms	Client Info		0	0	9746
Oil Changed		Client Info		N/A	N/A	Changed
Filter Changed		Client Info		N/A	N/A	Changed
Sample Status				ABNORMAL	ABNORMAL	NORMAL

WEAR

Présence d'une faible concentration de métal visible.

Iron	ppm	ASTM D5185(m)	>150	9	12	10
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	0
Aluminum	ppm	ASTM D5185(m)	>40	2	4	2
Lead	ppm	ASTM D5185(m)	>50	0	0	0
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	VLITE	VLITE	NONE
Yellow Metal	scalar	Visual*	NONE	VLITE	NONE	NONE

CONTAMINATION

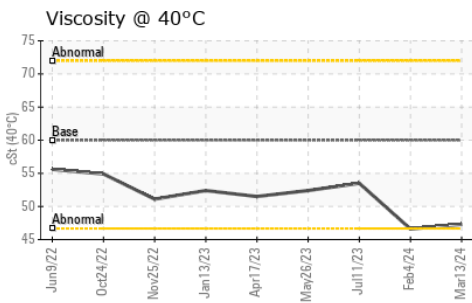
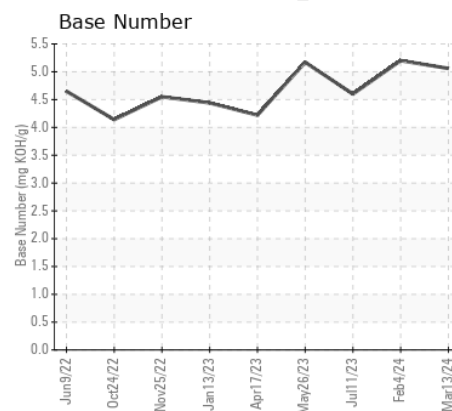
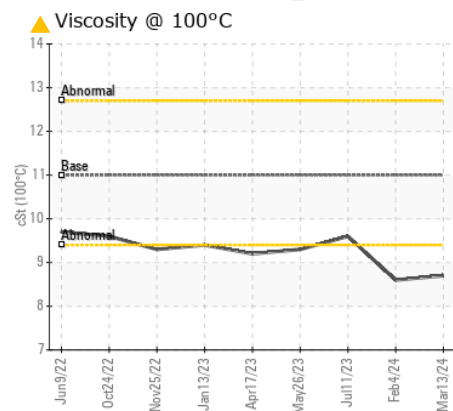
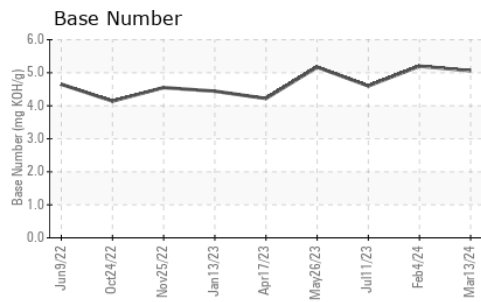
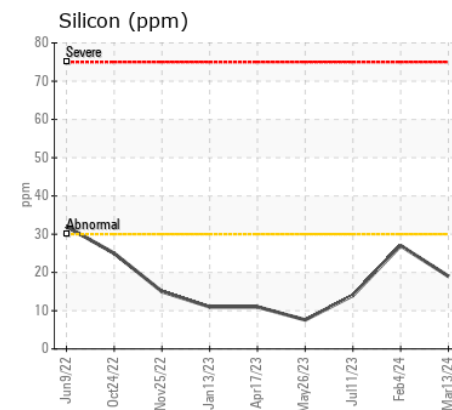
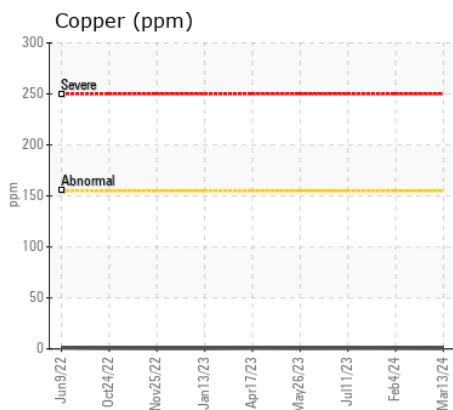
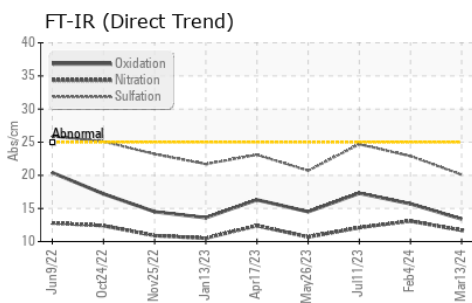
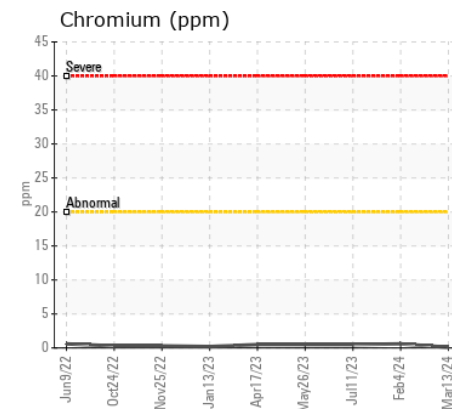
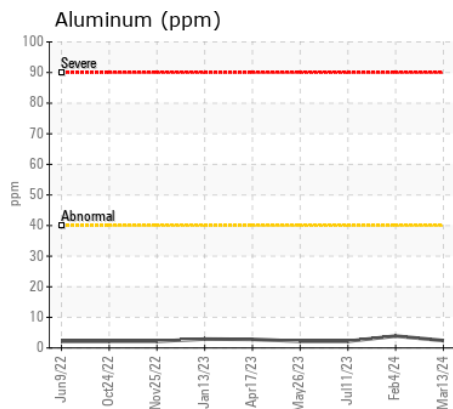
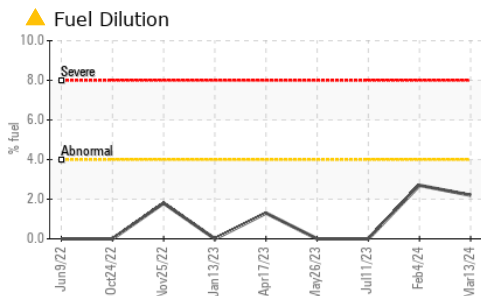
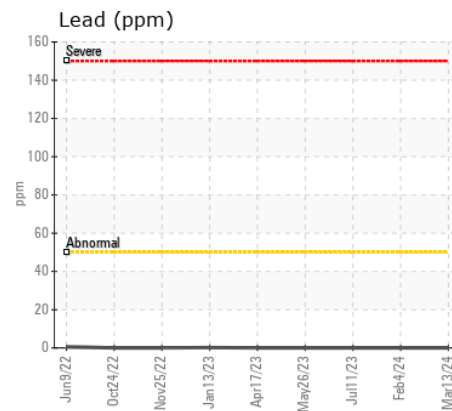
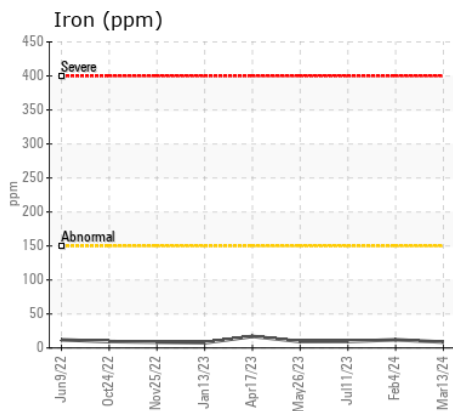
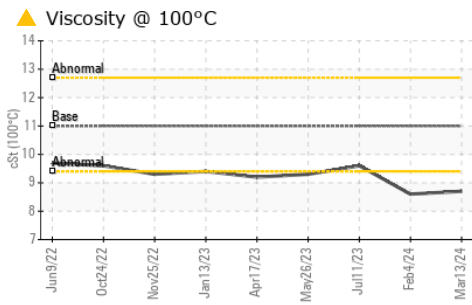
Légère dilution de carburant dans l'huile. Aucun autre contaminant n'a été détecté dans l'huile.

Silicon	ppm	ASTM D5185(m)	>30	19	27	14
Potassium	ppm	ASTM D5185(m)	>20	2	1	<1
Fuel	%	ASTM D7593*	>4.0	2.2	2.7	<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	11.7	13.1	12.1
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.1	22.9	24.7
Silt	scalar	Visual*	NONE	NONE	NONE	VLITE
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	2%	NEG

FLUID CONDITION

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. La viscosité de l'échantillon se situe dans la portée de l'SAE 5W20; nous vous conseillons de vérifier.

Sodium	ppm	ASTM D5185(m)	>400	3	3	5
Boron	ppm	ASTM D5185(m)		65	39	30
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		70	67	71
Manganese	ppm	ASTM D5185(m)		0	0	<1
Magnesium	ppm	ASTM D5185(m)		503	476	531
Calcium	ppm	ASTM D5185(m)		1188	1126	1254
Phosphorus	ppm	ASTM D5185(m)		644	645	720
Zinc	ppm	ASTM D5185(m)		705	673	770
Sulfur	ppm	ASTM D5185(m)		2325	2371	2396
Oxidation	Abs/.1mm	ASTM D7414*	>25	13.4	15.7	17.3
Base Number (BN)	mg KOH/g	ASTM D2896*		5.06	5.20	4.60
Visc @ 40°C	cSt	ASTM D7279(m)	60.0	47.3	46.6	53.5
Visc @ 100°C	cSt	ASTM D7279(m)	11.0	8.7	8.6	9.6
Viscosity Index (VI)	Scale	ASTM D2270*	177	164	164	165



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0079413
Lab Number : 02628683
Unique Number : 5761815
Test Package : MOB 2 (Additional Tests: BottomAnalysis, FILTERPATCH, FUELDILUTION, KV40, Per

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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.