

Machine Id
803314
Component
Differential
Fluid
SAE 80W90 (--- GAL)

RECOMMENDATION

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		PC0086843	---	---
Sample Date		Client Info		15 Apr 2024	---	---
Machine Age	kms	Client Info		617048	---	---
Oil Age	kms	Client Info		0	---	---
Filter Age	kms	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

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

PQ		ASTM D8184*		15	---	---
Iron	ppm	ASTM D5185(m)	>500	174	---	---
Chromium	ppm	ASTM D5185(m)	>10	<1	---	---
Nickel	ppm	ASTM D5185(m)	>10	0	---	---
Titanium	ppm	ASTM D5185(m)		<1	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>25	5	---	---
Lead	ppm	ASTM D5185(m)	>25	0	---	---
Copper	ppm	ASTM D5185(m)	>100	1	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	VLITE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

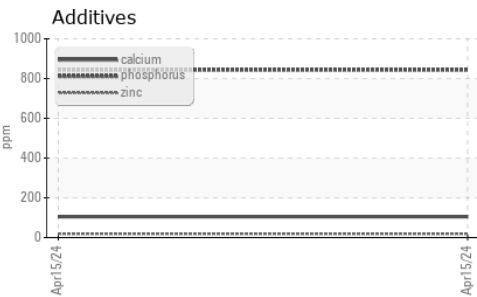
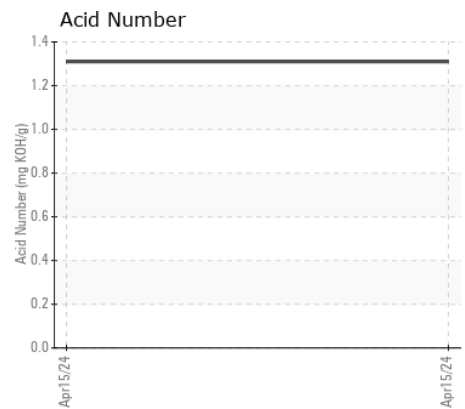
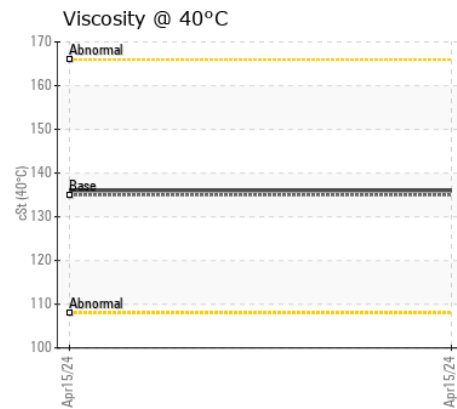
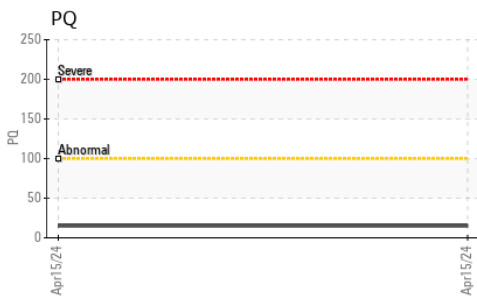
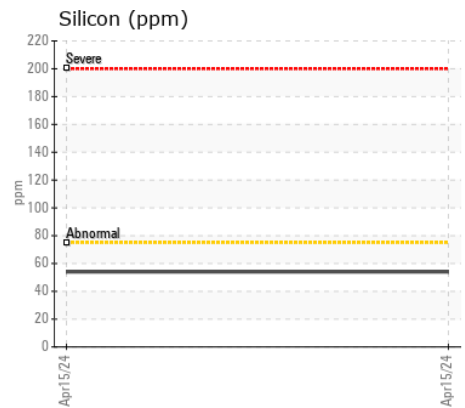
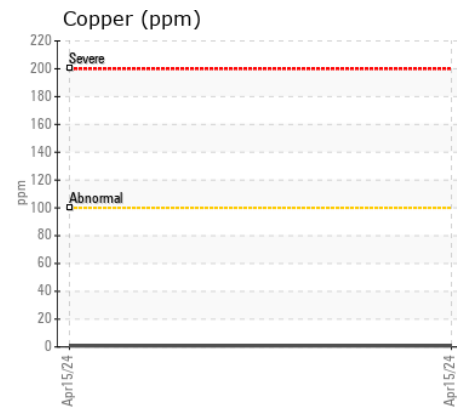
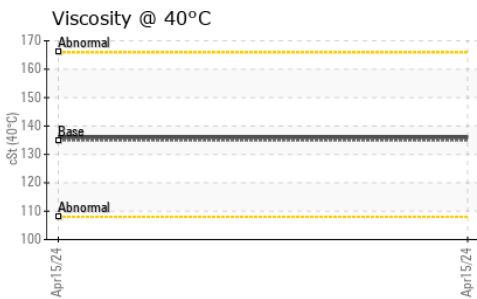
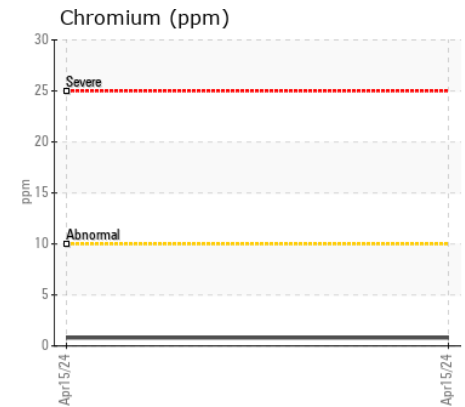
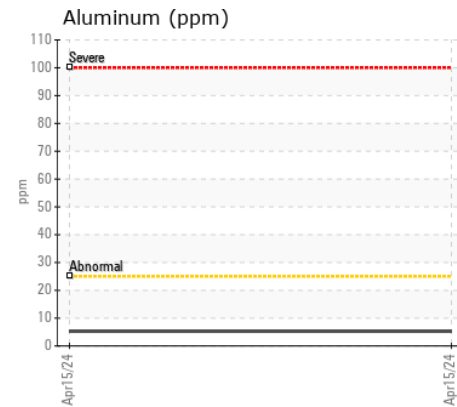
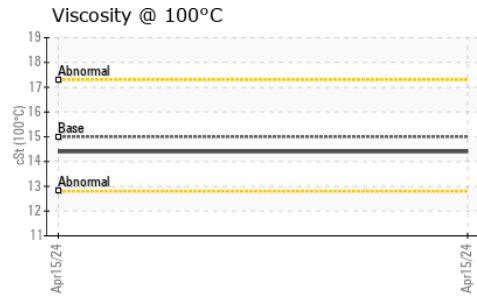
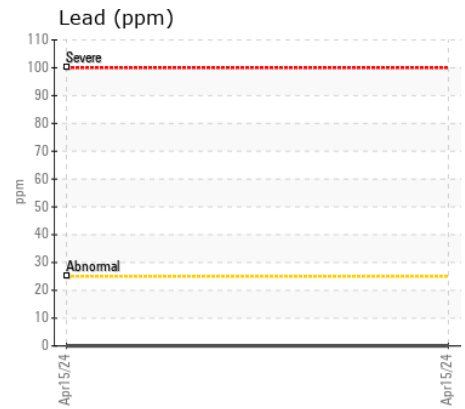
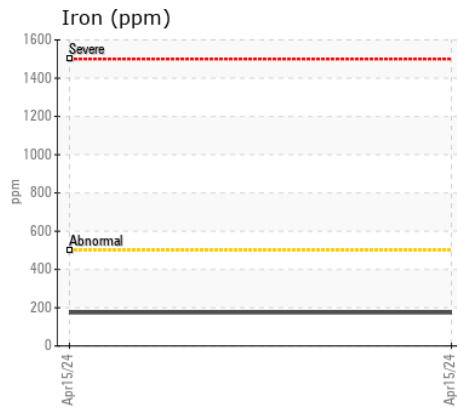
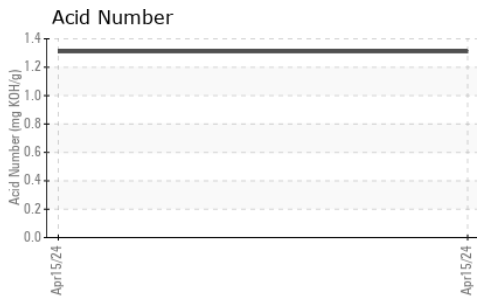
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>75	54	---	---
Potassium	ppm	ASTM D5185(m)	>20	13	---	---
Water		WC Method	>.2	NEG	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
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*	>.2	NEG	---	---

FLUID CONDITION

Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)	>50	15	---	---
Boron	ppm	ASTM D5185(m)	200	168	---	---
Barium	ppm	ASTM D5185(m)	0	<1	---	---
Molybdenum	ppm	ASTM D5185(m)	0	0	---	---
Manganese	ppm	ASTM D5185(m)		6	---	---
Magnesium	ppm	ASTM D5185(m)	0	6	---	---
Calcium	ppm	ASTM D5185(m)	20	105	---	---
Phosphorus	ppm	ASTM D5185(m)	1000	844	---	---
Zinc	ppm	ASTM D5185(m)	20	19	---	---
Sulfur	ppm	ASTM D5185(m)	22000	20934	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*		1.31	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	135	136	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.0	14.4	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	112	104	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0086843
Lab Number : 02636403
Unique Number : 5785565
Test Package : MOB 2 (Additional Tests: KV100, PQ, TAN Man, VI)
Received : 17 May 2024
Tested : 21 May 2024
Diagnosed : 21 May 2024 - Kevin Marson

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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