

Machine Id
WESTERN STAR TR201
Component
Diesel Engine
Fluid
CHEVRON Delo 600 ADF 15W40 (--- 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		PC0049967	---	---
Sample Date		Client Info		10 Jun 2024	---	---
Machine Age	hrs	Client Info		93597	---	---
Oil Age	hrs	Client Info		20000	---	---
Filter Age	hrs	Client Info		20000	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				ABNORMAL	---	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	13	---	---
Chromium	ppm	ASTM D5185(m)	>20	2	---	---
Nickel	ppm	ASTM D5185(m)	>4	0	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>3	0	---	---
Aluminum	ppm	ASTM D5185(m)	>20	7	---	---
Lead	ppm	ASTM D5185(m)	>40	0	---	---
Copper	ppm	ASTM D5185(m)	>330	8	---	---
Tin	ppm	ASTM D5185(m)	>15	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	VLITE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

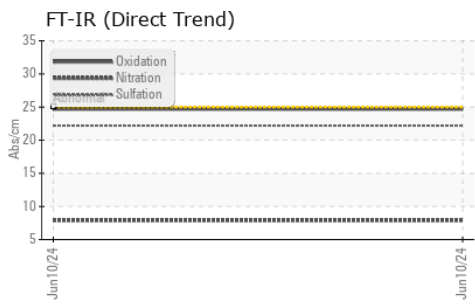
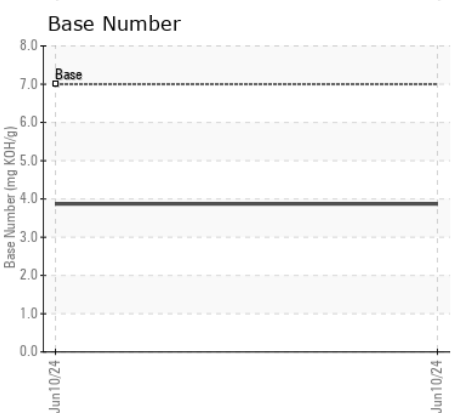
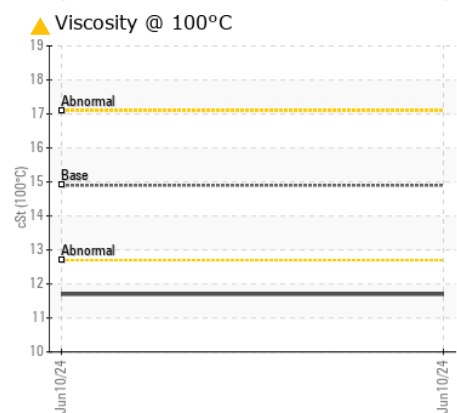
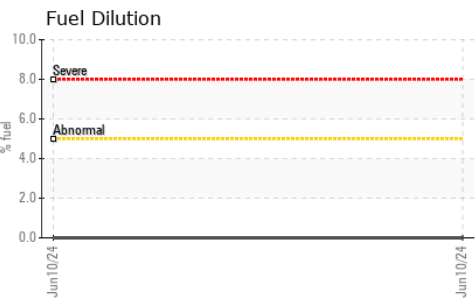
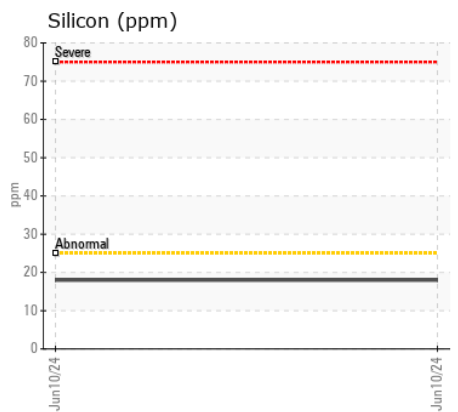
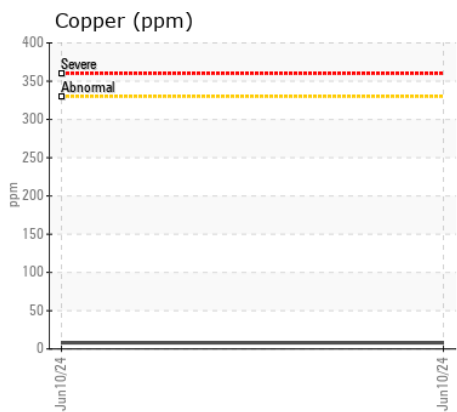
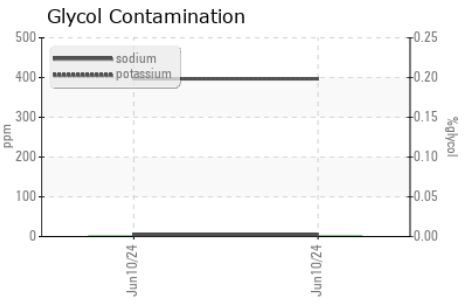
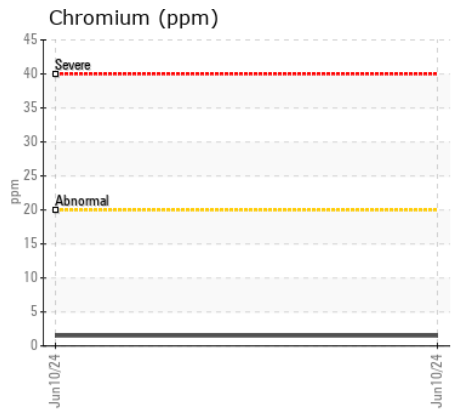
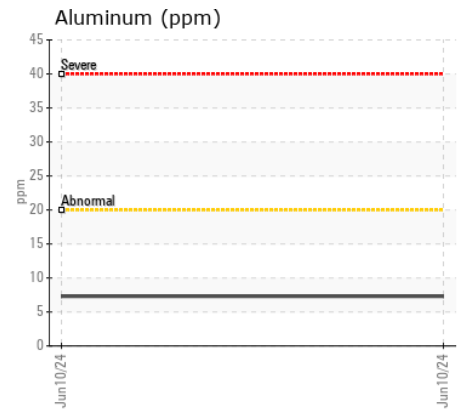
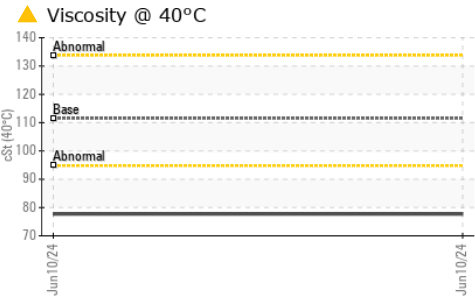
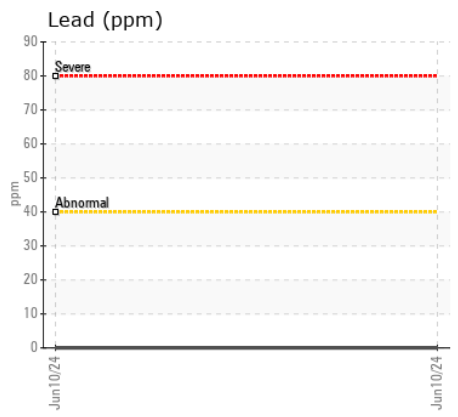
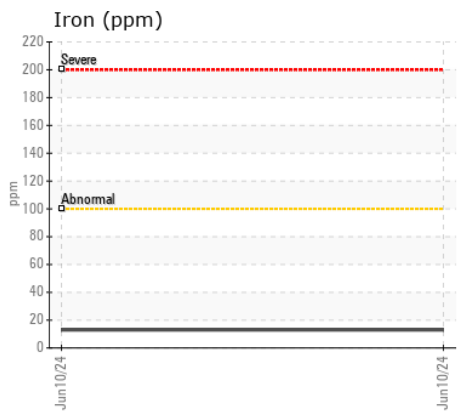
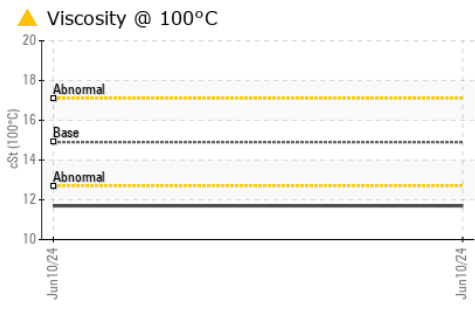
Les tests n'indiquent aucune trace de carburant dans l'huile. Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	18	---	---
Potassium	ppm	ASTM D5185(m)	>20	397	---	---
Fuel	%	ASTM D7593*	>5	0.0	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol	%	ASTM D7922*		0.0	---	---
Soot %	%	ASTM D7844*	>3	0.3	---	---
Nitration	Abs/cm	ASTM D7624*	>20	7.9	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	22.2	---	---
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*	>0.2	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 10W30; nous vous conseillons de vérifier. Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)		4	---	---
Boron	ppm	ASTM D5185(m)	775	356	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)	1000	1075	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)	100	115	---	---
Calcium	ppm	ASTM D5185(m)	680	572	---	---
Phosphorus	ppm	ASTM D5185(m)	110	72	---	---
Zinc	ppm	ASTM D5185(m)	140	88	---	---
Sulfur	ppm	ASTM D5185(m)	1750	1618	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	24.7	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*		1.13	---	---
Base Number (BN)	mg KOH/g	ASTM D2896*	7	3.87	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	111.5	▲ 77.7	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	14.9	▲ 11.7	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	136	144	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0049967 **Received** : 14 Jun 2024
Lab Number : 02641943 **Tested** : 17 Jun 2024
Unique Number : 5799482 **Diagnosed** : 17 Jun 2024 - Kevin Marson
Test Package : MOB 2 (Additional Tests: FuelDilution, Glycol, KV40, PercentFuel, TAN Auto, TAN Man, VC (Visc))

Groupe Allaire Gince
 70 rue Gatineau
 Granby, QC
 CA J2J 0P1
 Contact: Service Manager

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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F: