



# RAPPORT D'ANALYSE D'HUILE

USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>ANORMAL</b>

Identité de la machine

**WESTERN STAR TR201**

Composant

**Moteur diesel**

Fluid

**CHEVRON Delo 600 ADF 15W40 (--- GAL)**

## RECOMMANDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>PC0049967</b>	---	---
Date d'échant.		Client Info		<b>10 Jun 2024</b>	---	---
Âge d la Machine	hrs	Client Info		<b>93597</b>	---	---
Âge de l'huile	hrs	Client Info		<b>20000</b>	---	---
Âge du filtre	hrs	Client Info		<b>20000</b>	---	---
Huile changée		Client Info		<b>Not Changd</b>	---	---
Filtre changé		Client Info		<b>Not Changd</b>	---	---
Statut de l'échant.				<b>ABNORMAL</b>	---	---

## USURE

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

Fer	ppm	ASTM D5185(m)	>100	<b>13</b>	---	---
Chrome	ppm	ASTM D5185(m)	>20	<b>2</b>	---	---
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	---	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	---	---
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	---	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>7</b>	---	---
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	---	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>8</b>	---	---
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Métal blanc	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	---	---

## CONTAMINATION

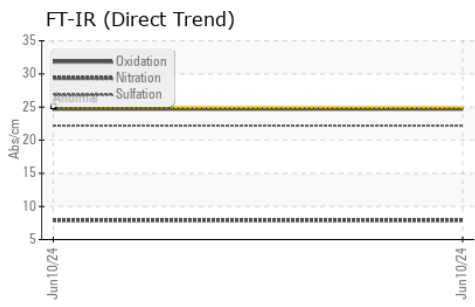
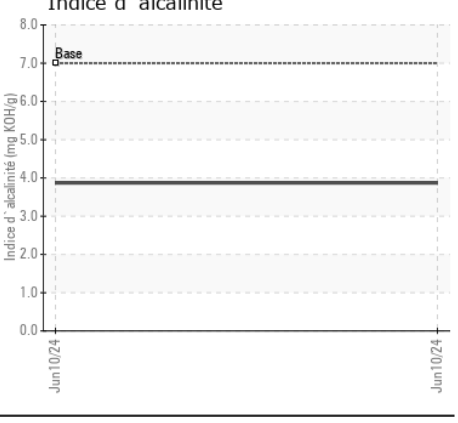
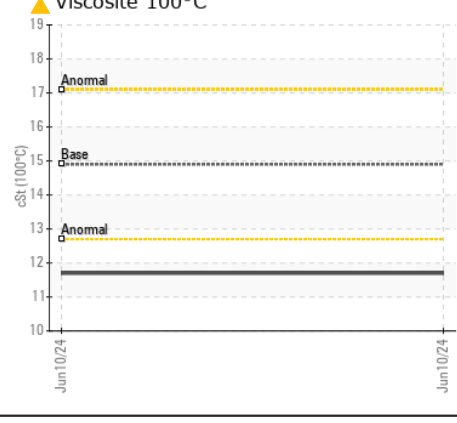
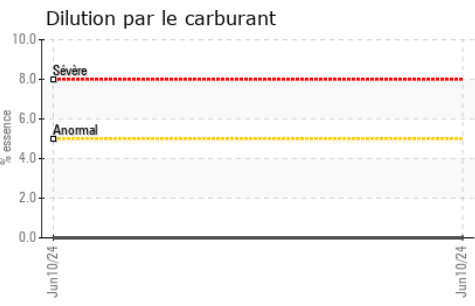
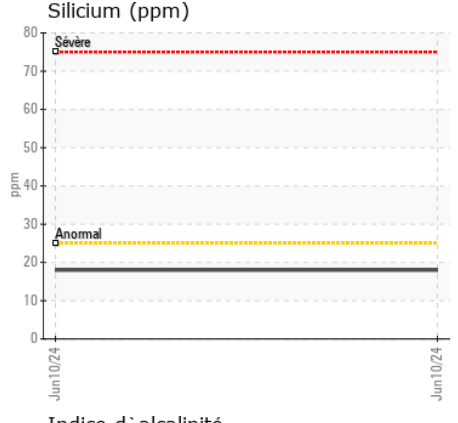
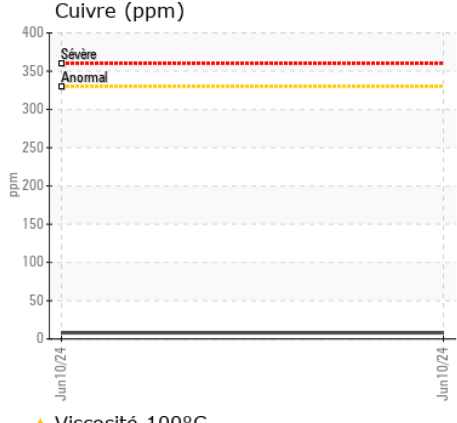
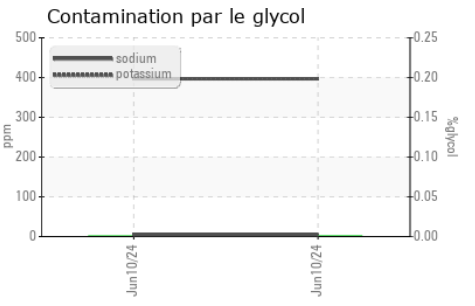
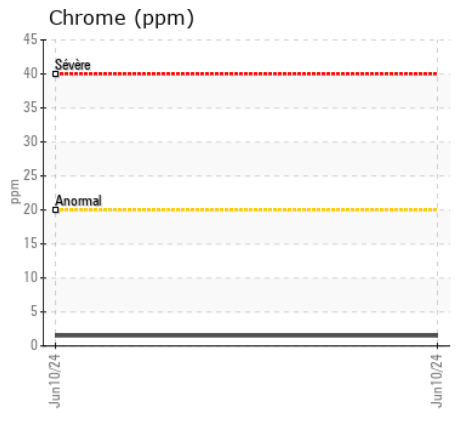
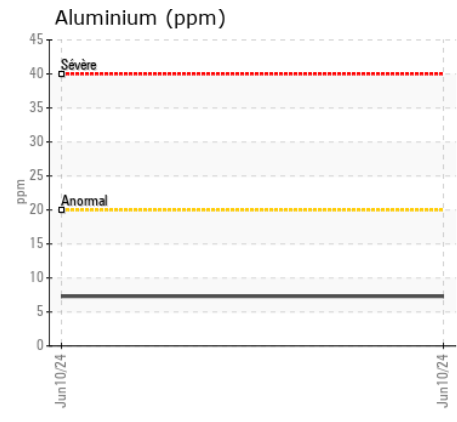
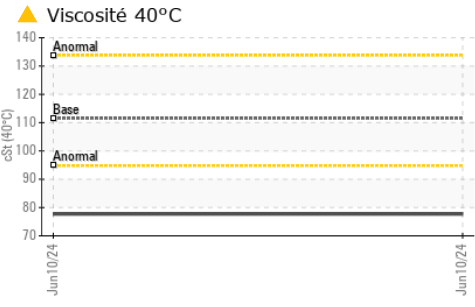
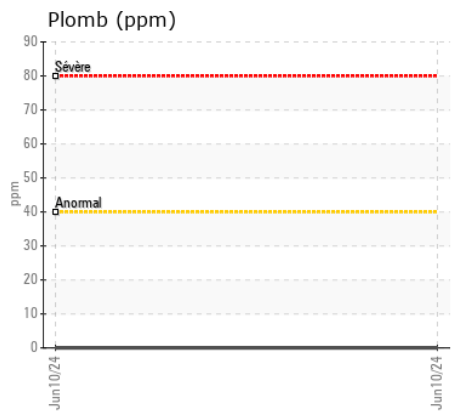
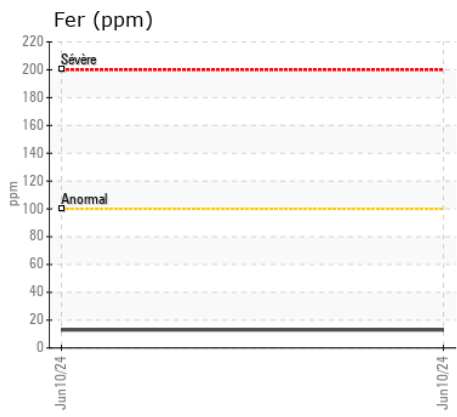
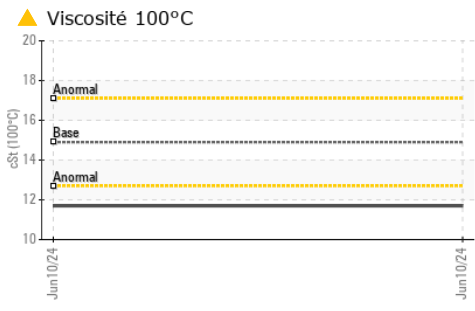
Les tests n'indiquent aucune trace de carburant dans l'huile. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>18</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>397</b>	---	---
Essence	%	ASTM D7593*	>5	<b>0.0</b>	---	---
L'eau		WC Method	>0.2	<b>NEG</b>	---	---
Glycol	%	ASTM D7922*		<b>0.0</b>	---	---
% de suie	%	ASTM D7844*	>3	<b>0.3</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.9</b>	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>22.2</b>	---	---
Limon	scalar	Visual*	NONE	<b>NONE</b>	---	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	---	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	---	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	---	---

## ÉTAT DU FLUIDE

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)		<b>4</b>	---	---
Bore	ppm	ASTM D5185(m)	775	<b>356</b>	---	---
Baryum	ppm	ASTM D5185(m)		<b>0</b>	---	---
Molybdène	ppm	ASTM D5185(m)	1000	<b>1075</b>	---	---
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Magnésium	ppm	ASTM D5185(m)	100	<b>115</b>	---	---
Calcium	ppm	ASTM D5185(m)	680	<b>572</b>	---	---
Phosphore	ppm	ASTM D5185(m)	110	<b>72</b>	---	---
Zinc	ppm	ASTM D5185(m)	140	<b>88</b>	---	---
Soufre	ppm	ASTM D5185(m)	1750	<b>1618</b>	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>24.7</b>	---	---
Indice d'acidité	mg KOH/g	ASTM D974*		<b>1.13</b>	---	---
Indice d'alcalinité	mg KOH/g	ASTM D2896*	7	<b>3.87</b>	---	---
Visc 40°C	cSt	ASTM D7279(m)	111.5	<b>▲ 77.7</b>	---	---
Visc 100°C	cSt	ASTM D7279(m)	14.9	<b>▲ 11.7</b>	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*	136	<b>144</b>	---	---



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0049967  
**N° de laboratoire** : 02641943  
**Reçu** : 14 Jun 2024  
**Tested** : 17 Jun 2024  
**Numéro unique** : 5799482  
**Diagnostiqué** : 17 Jun 2024 - Kevin Marson  
**Analyse** : MOB 2 ( Additional Tests: FuelDilution, Glycol, KV40, PercentFuel, TAN Auto, TAN Man, VC (stat))

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

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.

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F: