



TRAAP

Texas Refinery Advanced Analysis Program

RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

WESTERN STAR 4900 C-32 (S/N 5KKXAC005LPMT7127)

Composant

Moteur diesel

Fluid

{not provided} (--- LTR)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		TR02641561	---	---
Date d'échant.		Client Info		30 May 2024	---	---
Âge d la Machine	hrs	Client Info		9854	---	---
Âge de l'huile	hrs	Client Info		500	---	---
Âge du filtre	hrs	Client Info		500	---	---
Huile changée		Client Info		Changed	---	---
Filtre changé		Client Info		Changed	---	---
Statut de l'échant.				NORMAL	---	---

USURE

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

Fer	ppm	ASTM D5185(m)	>100	69	---	---
Chrome	ppm	ASTM D5185(m)	>20	2	---	---
Nickel	ppm	ASTM D5185(m)	>4	<1	---	---
Titane	ppm	ASTM D5185(m)		0	---	---
Argent	ppm	ASTM D5185(m)	>3	0	---	---
Aluminium	ppm	ASTM D5185(m)	>20	2	---	---
Plomb	ppm	ASTM D5185(m)	>40	5	---	---
Cuivre	ppm	ASTM D5185(m)	>330	13	---	---
Étain	ppm	ASTM D5185(m)	>15	1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

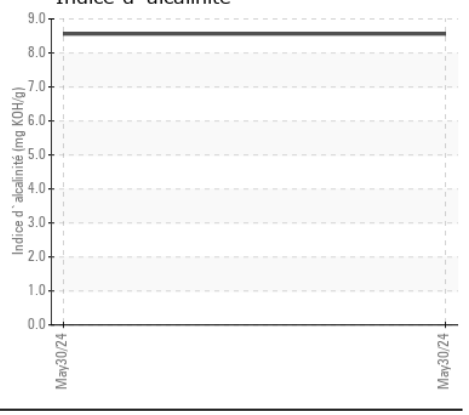
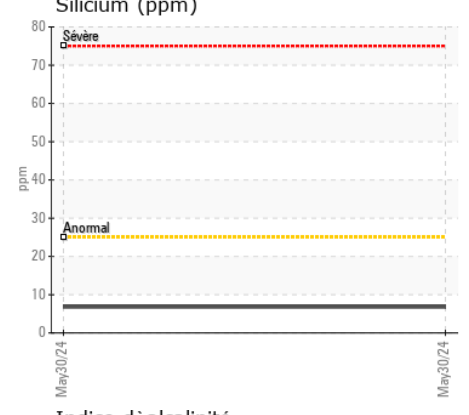
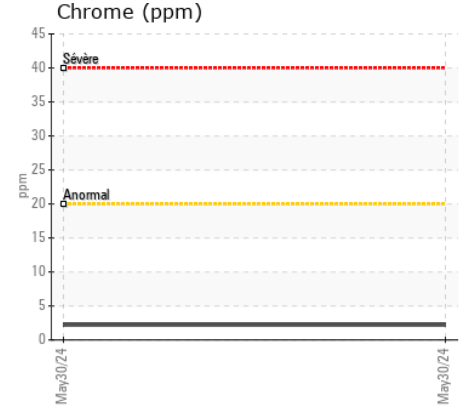
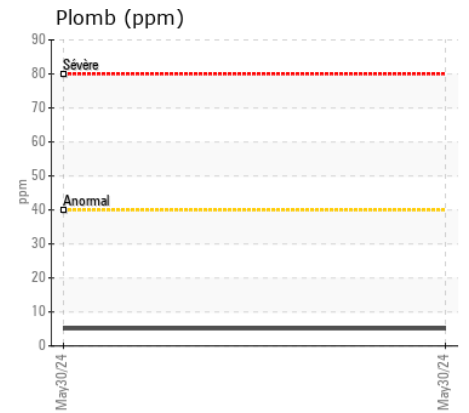
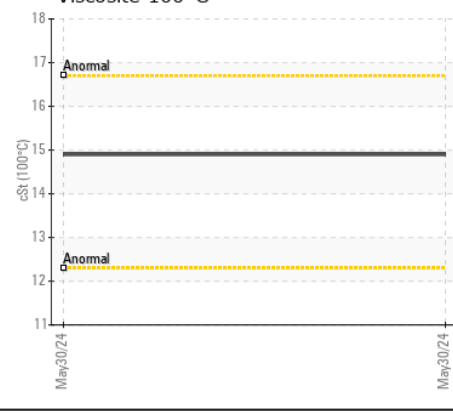
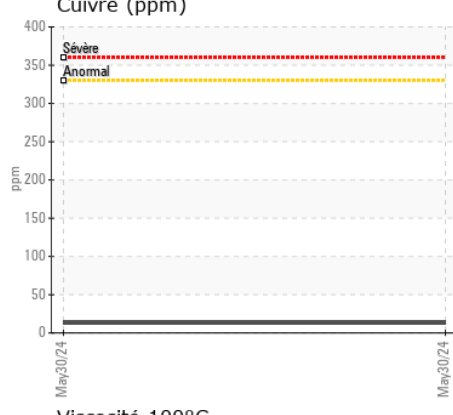
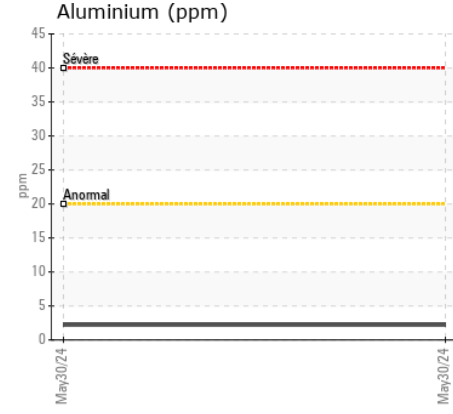
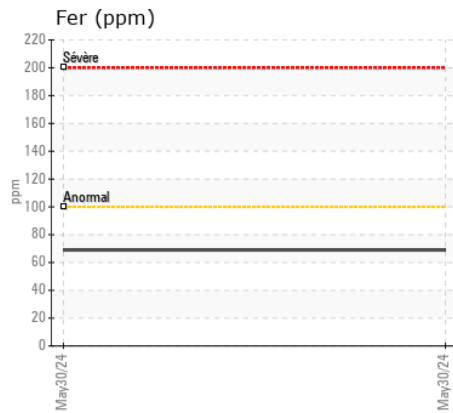
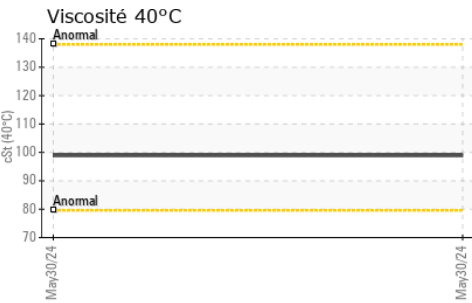
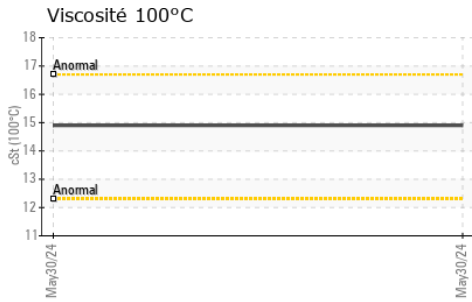
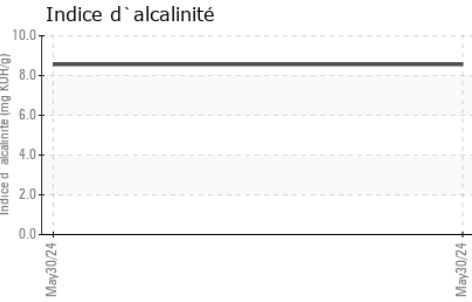
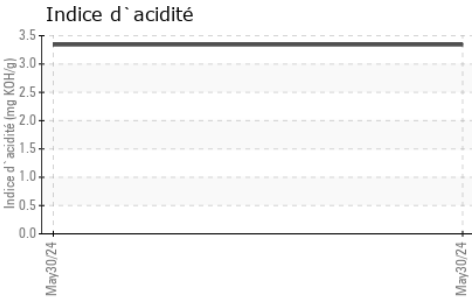
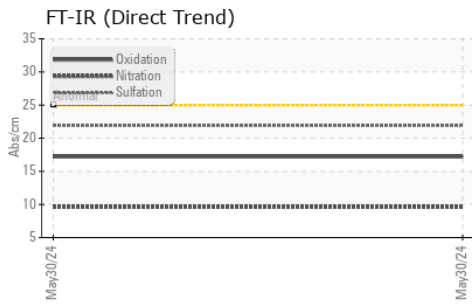
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	7	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---
Essence		WC Method	>5	<1.0	---	---
L'eau		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
% de suie	%	ASTM D7844*	>3	1.1	---	---
Nitration	Abs/cm	ASTM D7624*	>20	9.6	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.9	---	---
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)		4	---	---
Bore	ppm	ASTM D5185(m)		18	---	---
Baryum	ppm	ASTM D5185(m)		0	---	---
Molybdène	ppm	ASTM D5185(m)		59	---	---
Manganèse	ppm	ASTM D5185(m)		<1	---	---
Magnésium	ppm	ASTM D5185(m)		954	---	---
Calcium	ppm	ASTM D5185(m)		871	---	---
Phosphore	ppm	ASTM D5185(m)		913	---	---
Zinc	ppm	ASTM D5185(m)		1096	---	---
Soufre	ppm	ASTM D5185(m)		2440	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.2	---	---
Indice d'acidité	mg KOH/g	ASTM D974*		3.34	---	---
Indice d'alcalinité	mg KOH/g	ASTM D2896*		8.56	---	---
Visc 40°C	cSt	ASTM D7279(m)		98.9	---	---
Visc 100°C	cSt	ASTM D7279(m)		14.9	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*		157	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : TR02641561
N° de laboratoire : 02641561
Numéro unique : 5799100
Analyse : MOB 2 (Additional Tests: KV40, TAN Auto, TAN Man, VI, Visual)

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To discuss this sample report, contact Customer Service at 1-800-827-0711.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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F: