



TRAAP

Texas Refinery Advanced Analysis Program

RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

**PETERBILT 389 C-19**

Composant

**Moteur diesel**

Fluid

**DIESEL ENGINE OIL SAE 5W40 (--- LTR)**

**RECOMMANDATION**

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqu que ce fluide est du (GENERIC) DIESEL ENGINE OIL SAE 5W40. Veuillez confirmer.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		TR02641676	---	---
Date d'échant.		Client Info		28 May 2024	---	---
Âge d la Machine	hrs	Client Info		18620	---	---
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)	>110	7	---	---
Chrome	ppm	ASTM D5185(m)	>4	0	---	---
Nickel	ppm	ASTM D5185(m)	>2	0	---	---
Titane	ppm	ASTM D5185(m)		0	---	---
Argent	ppm	ASTM D5185(m)	>2	0	---	---
Aluminium	ppm	ASTM D5185(m)	>25	1	---	---
Plomb	ppm	ASTM D5185(m)	>45	0	---	---
Cuivre	ppm	ASTM D5185(m)	>85	4	---	---
Étain	ppm	ASTM D5185(m)	>4	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

**CONTAMINATION**

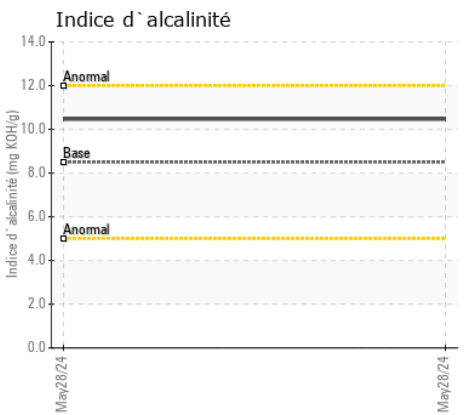
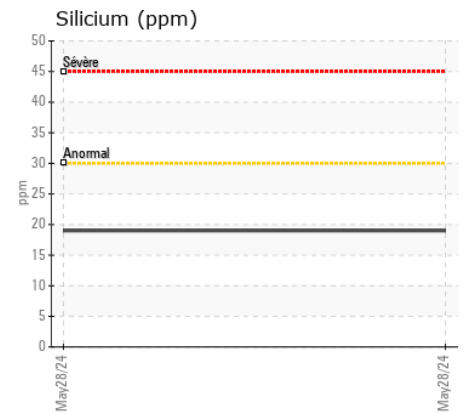
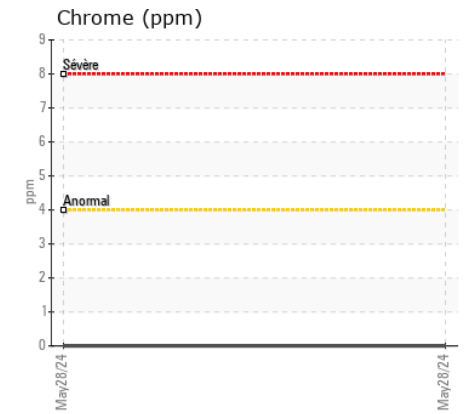
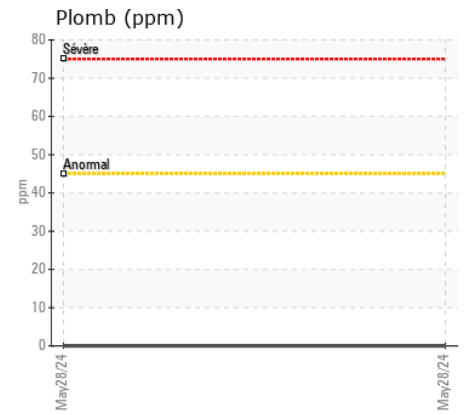
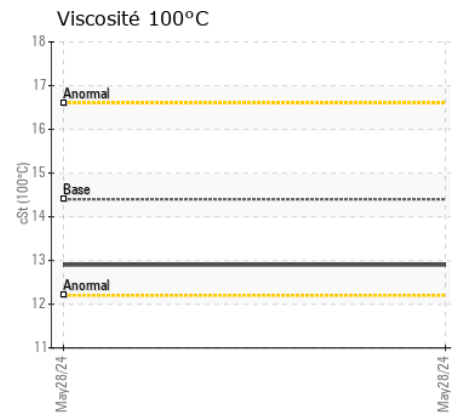
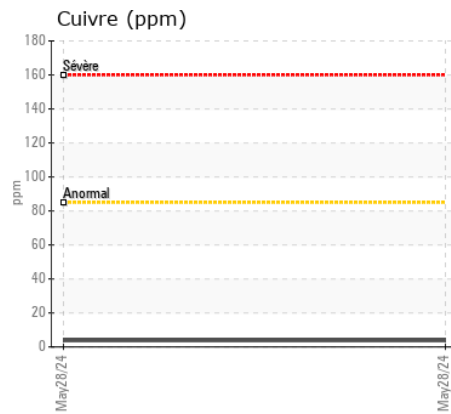
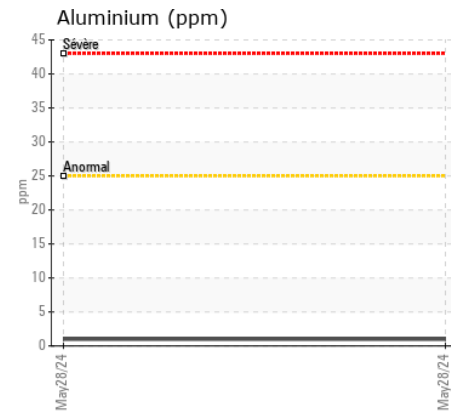
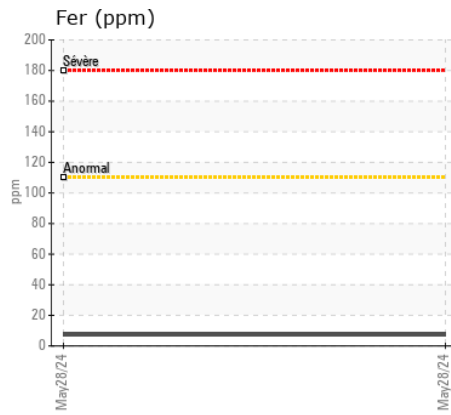
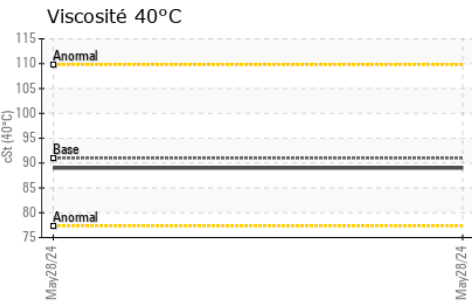
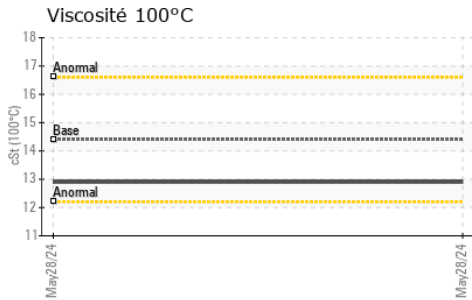
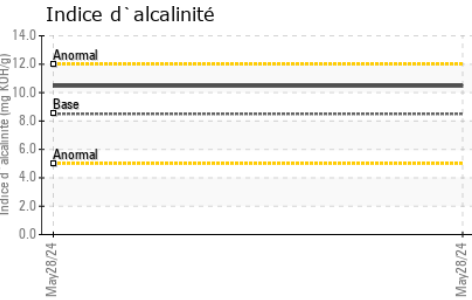
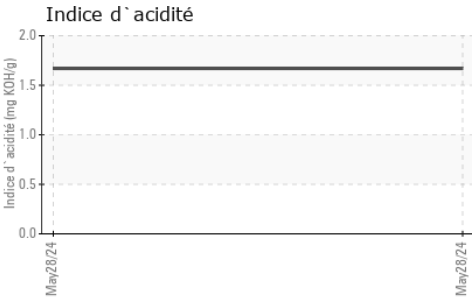
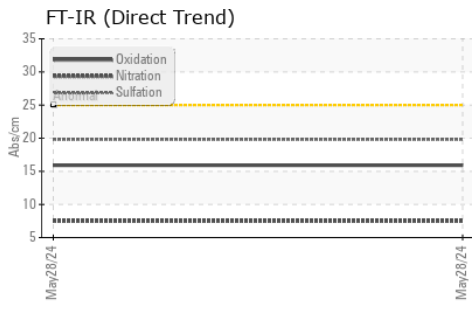
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>30	19	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---
Essence		WC Method	>5	<1.0	---	---
L'eau		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
% de suie	%	ASTM D7844*	>3	0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	7.5	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.8	---	---
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)	>44	3	---	---
Bore	ppm	ASTM D5185(m)	250	19	---	---
Baryum	ppm	ASTM D5185(m)	10	0	---	---
Molybdène	ppm	ASTM D5185(m)	100	63	---	---
Manganèse	ppm	ASTM D5185(m)		0	---	---
Magnésium	ppm	ASTM D5185(m)	450	1006	---	---
Calcium	ppm	ASTM D5185(m)	3000	1057	---	---
Phosphore	ppm	ASTM D5185(m)	1150	1011	---	---
Zinc	ppm	ASTM D5185(m)	1350	1195	---	---
Soufre	ppm	ASTM D5185(m)	4250	2622	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.9	---	---
Indice d'acidité	mg KOH/g	ASTM D974*		1.67	---	---
Indice d'alcalinité	mg KOH/g	ASTM D2896*	8.5	10.47	---	---
Visc 40°C	cSt	ASTM D7279(m)	91	89.0	---	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	12.9	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*	164	143	---	---



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**N° d'échantillon** : TR02641676

**N° de laboratoire** : 02641676

**Numéro unique** : 5799215

**Analyse** : MOB 2 ( Additional Tests: KV40, TAN Auto, TAN Man, VI, Visual )

**Reçu** : 13 Jun 2024

**Tested** : 14 Jun 2024

**Diagnostiqué** : 14 Jun 2024 - Wes Davis

**Les Entreprises Forestieres V. Labranche Inc.**

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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)