



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

RAPPORT D'ANALYSE D'HUILE

USURE **NORMAL**

CONTAMINATION **NORMAL**

ÉTAT DU FLUIDE **NORMAL**

Secteur

ADMINISTRATION PORTUAIRE DE QUEBEC [6100278374]

Identité de la machine

20131505

Composant

Transmission

Fluid

IRVING IDO UNIVERSAL SAE 30 (--- 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		WA0020797	WA0019468	WA0016424
Date d'échant.		Client Info		27 Mar 2024	30 Mar 2023	16 Apr 2021
Âge d la Machine	hrs	Client Info		1211	0	0
Âge de l'huile	hrs	Client Info		200	0	0
Âge du filtre	hrs	Client Info		200	0	0
Huile changée		Client Info		Not Changd	N/A	N/A
Filtre changé		Client Info		Changed	N/A	N/A
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

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

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184*		0	0	0
Fer	ppm	ASTM D5185(m)	>200	4	3	5
Chrome	ppm	ASTM D5185(m)	>10	0	0	0
Nickel	ppm	ASTM D5185(m)		0	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)		0	0	<1
Aluminium	ppm	ASTM D5185(m)	>50	<1	<1	2
Plomb	ppm	ASTM D5185(m)	>50	2	2	2
Cuivre	ppm	ASTM D5185(m)	>200	6	4	6
Étain	ppm	ASTM D5185(m)	>10	4	4	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	NONE	NONE
Bronze	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

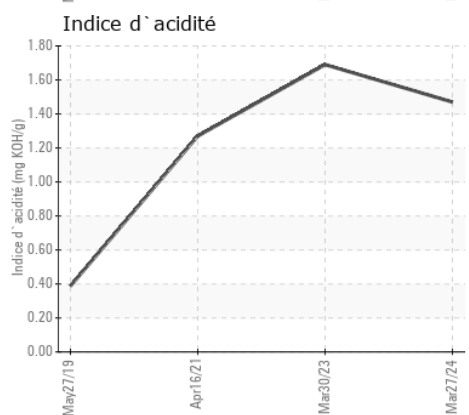
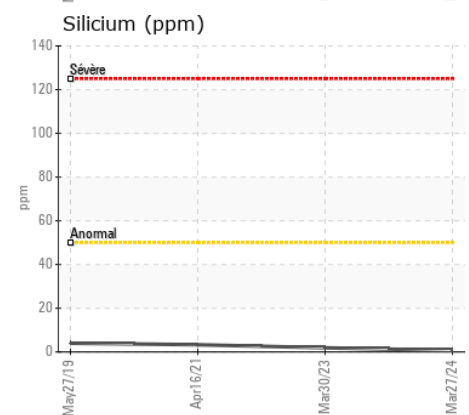
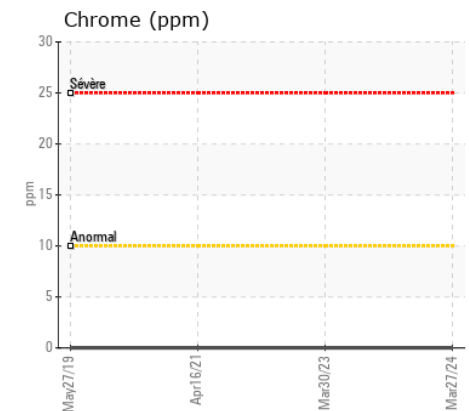
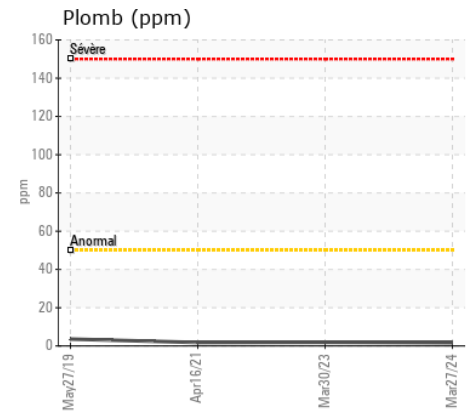
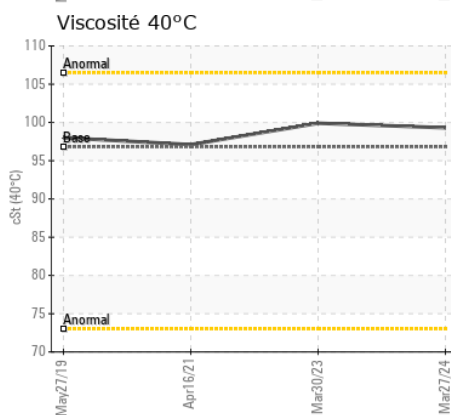
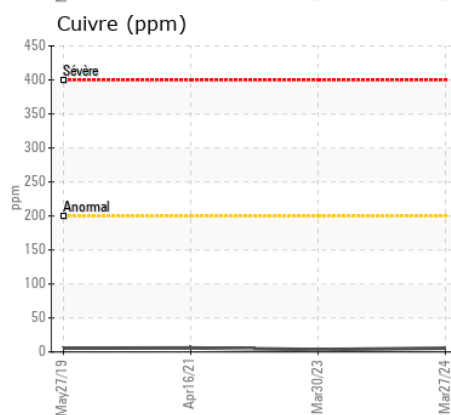
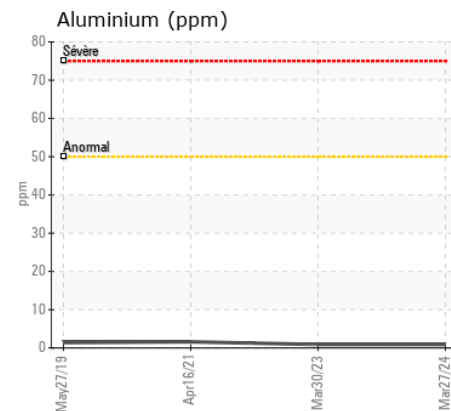
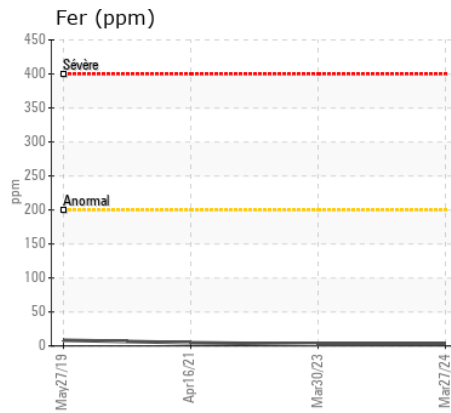
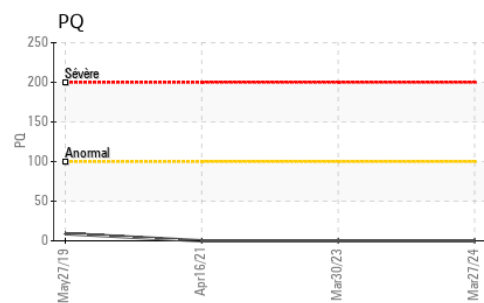
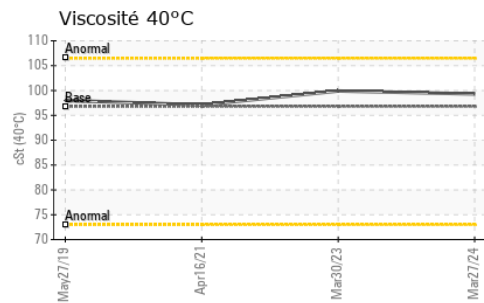
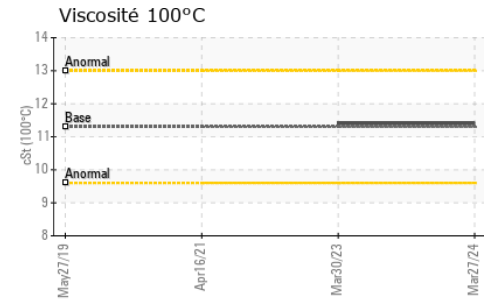
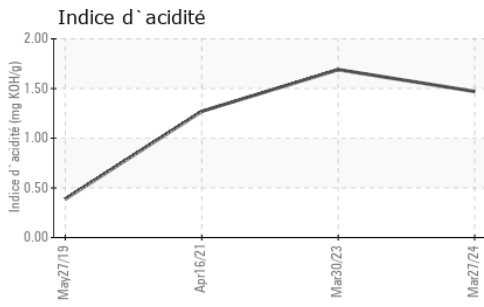
Il n'y a aucun indice de contamination dans le fluide.

Silicium	ppm	ASTM D5185(m)	>50	<1	2	3
Potassium	ppm	ASTM D5185(m)	>20	<1	2	1
L'eau		WC Method	>0.1	NEG	NEG	NEG
% de suie	%	ASTM D7844*		0	0	---
Nitration	Abs/cm	ASTM D7624*		4.9	4.9	---
Sulfatation	Abs/.1mm	ASTM D7415*		14.9	17.5	---
Limon	scalar	Visual*	NONE	NONE	NONE	NONE
Débris	scalar	Visual*	NONE	NONE	NONE	NONE
Saleté	scalar	Visual*	NONE	VLITE	NONE	NONE
Apparence	scalar	Visual*	NORML	NORML	NORML	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.1	NEG	NEG	NEG

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		1	1	1
Bore	ppm	ASTM D5185(m)	272	272	276	256
Baryum	ppm	ASTM D5185(m)	1.2	0	0	<1
Molybdène	ppm	ASTM D5185(m)	2.0	0	<1	<1
Manganèse	ppm	ASTM D5185(m)		0	<1	<1
Magnésium	ppm	ASTM D5185(m)	152	208	205	190
Calcium	ppm	ASTM D5185(m)	2112	2118	2102	2060
Phosphore	ppm	ASTM D5185(m)	1036	784	841	764
Zinc	ppm	ASTM D5185(m)	900	852	827	872
Soufre	ppm	ASTM D5185(m)	5348	7782	7772	7932
Oxydation	Abs/.1mm	ASTM D7414*		6.6	6.6	---
Indice d'acidité	mg KOH/g	ASTM D974*		1.47	1.69	1.27
Visc 40°C	cSt	ASTM D7279(m)	96.8	99.3	99.9	97.1
Visc 100°C	cSt	ASTM D7279(m)	11.3	11.4	11.4	---
Indice de viscosité (VI)	Scale	ASTM D2270*	103	101	100	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WA0020797 **Reçu** : 02 Apr 2024
N° de laboratoire : 02626001 **Tested** : 03 Apr 2024
Numéro unique : 5759133 **Diagnostiqué** : 03 Apr 2024 - Wes Davis
Analyse : MOB 2 (Additional Tests: FT-IR, KV100, PQ, TAN Man, VI)

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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