



RAPPORT D'ANALYSE D'HUILE

USURE
CONTAMINATION
ÉTAT DU FLUIDE

ANORMAL

NORMAL

ATTENTION



Secteur

E.M.P INC [E17052023A]

Identité de la machine

CATERPILLAR 335F P5 (S/N CAT0335FAKNE00676)

Composant

Système hydraulique Pré-rinçage

Fluide

PANOLIN HLP SYNTH 46 (290 LTR)

RECOMMANDATION

Il s'agit du relevé de base de l'échantillon soumis.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC	---	---
Date d'échant.		Client Info		11 Jul 2023	---	---
Âge d la Machine	hrs	Client Info		2300	---	---
Âge de l'huile	hrs	Client Info		0	---	---
Âge du filtre	hrs	Client Info		0	---	---
Huile changée		Client Info		N/A	---	---
Filtre changé		Client Info		N/A	---	---
Statut de l'échant.				ABNORMAL	---	---

USURE

{sans objet}

Fer	ppm	ASTM D5185(m)	>20	15	---	---
Chrome	ppm	ASTM D5185(m)	>10	4	---	---
Nickel	ppm	ASTM D5185(m)	>10	<1	---	---
Titane	ppm	ASTM D5185(m)		1	---	---
Argent	ppm	ASTM D5185(m)		0	---	---
Aluminium	ppm	ASTM D5185(m)	>10	<1	---	---
Plomb	ppm	ASTM D5185(m)	>10	▲ 17	---	---
Cuivre	ppm	ASTM D5185(m)	>75	2	---	---
Étain	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

{sans objet}

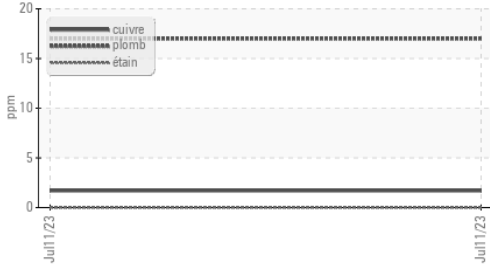
Silicium	ppm	ASTM D5185(m)	>20	2	---	---
Potassium	ppm	ASTM D5185(m)	>20	3	---	---
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	---	---
Eau émulsifiée	scalar	Visual*	>0.05	NEG	---	---

ÉTAT DU FLUIDE

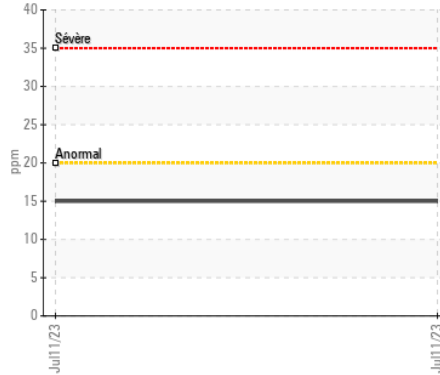
{sans objet}

Sodium	ppm	ASTM D5185(m)		3	---	---
Bore	ppm	ASTM D5185(m)	0	4	---	---
Baryum	ppm	ASTM D5185(m)	0	<1	---	---
Molybdène	ppm	ASTM D5185(m)	0	0	---	---
Manganèse	ppm	ASTM D5185(m)	0	<1	---	---
Magnésium	ppm	ASTM D5185(m)	0	14	---	---
Calcium	ppm	ASTM D5185(m)	0	▲ 237	---	---
Phosphore	ppm	ASTM D5185(m)	1700	1478	---	---
Zinc	ppm	ASTM D5185(m)	0	▲ 150	---	---
Soufre	ppm	ASTM D5185(m)	1350	▲ 2466	---	---
Visc 40°C	cSt	ASTM D7279(m)	47.0	44.7	---	---
Visc 100°C	cSt	ASTM D7279(m)	8.1	8.1	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*	146	156	---	---

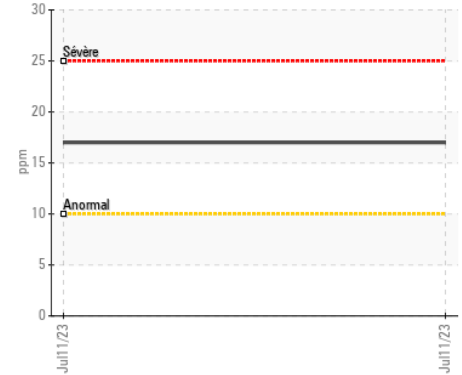
▲ Métaux non-ferreux



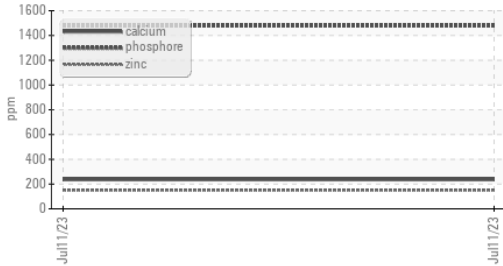
Fer (ppm)



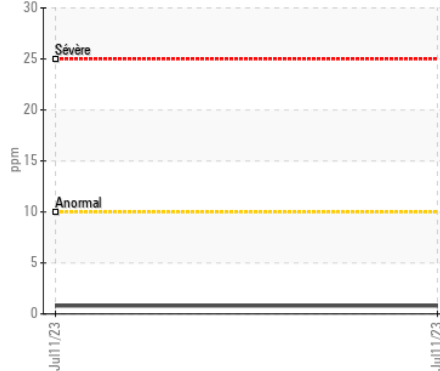
▲ Plomb (ppm)



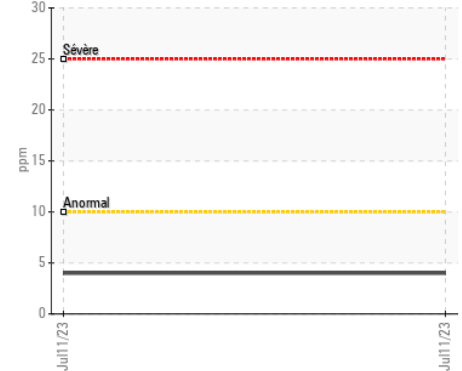
▲ Additifs



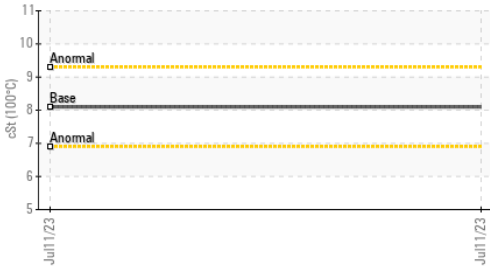
Aluminium (ppm)



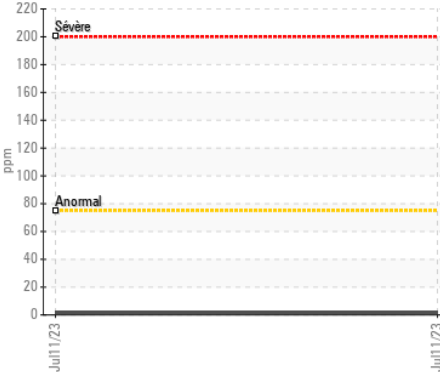
Chrome (ppm)



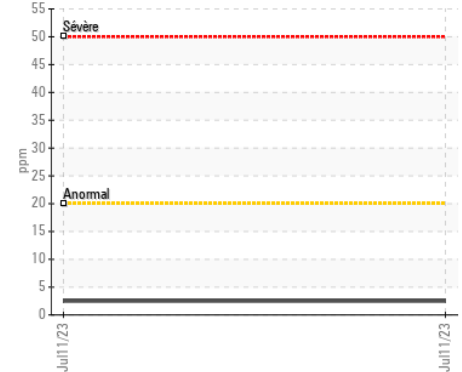
Viscosité 100°C



Cuivre (ppm)



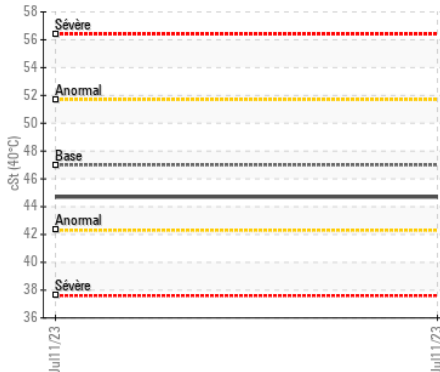
Silicium (ppm)



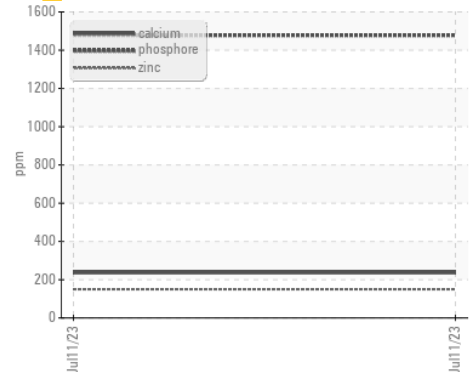
Viscosité 40°C



Viscosité 40°C



▲ Additifs



ISO 17025:2017
Accredited
Laboratory

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

N° d'échantillon : WC

N° de laboratoire : 02569435

Numéro unique : 5606481

Analyse : MOB 1 (Additional Tests: KV100, KV40, Spat, VI)

Reçu : 12 Jul 2023

Diagnostiqué : 18 Jul 2023

Diagnostiqueur : Bill Quesnel

Envirolin Canada

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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.

Validity of results and interpretation are based on the sample and information as supplied.