



# RAPPORT D'ANALYSE D'HUILE

USURE

**SÉVÈRE**

CONTAMINATION

**NORMAL**

ÉTAT DU FLUIDE

**NORMAL**

Secteur

**SMS LAVAL [E07012022J]**

Identité de la machine

**KOMATSU PC490LC11 A42132**

Composant

**Système hydraulique Pré-rinçage**

Fluide

**TOTAL BIOHYDRAN SE 46 (472 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		<b>WC</b>	WC	---
Date d'échant.		Client Info		<b>05 Jul 2023</b>	10 Mar 2022	---
Âge d la Machine	hrs	Client Info		<b>6265</b>	4163	---
Âge de l'huile	hrs	Client Info		<b>0</b>	0	---
Âge du filtre	hrs	Client Info		<b>0</b>	0	---
Huile changée		Client Info		<b>N/A</b>	N/A	---
Filtre changé		Client Info		<b>N/A</b>	N/A	---
Statut de l'échant.				<b>SEVERE</b>	NORMAL	---

## USURE

{sans objet}

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184*		<b>12</b>	---	---
Fer	ppm	ASTM D5185(m)	>20	<b>69</b>	14	---
Chrome	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	---
Argent	ppm	ASTM D5185(m)		<b>0</b>	0	---
Aluminium	ppm	ASTM D5185(m)	>10	<b>2</b>	<1	---
Plomb	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	3	---
Cuivre	ppm	ASTM D5185(m)	>75	<b>4</b>	3	---
Étain	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	---

## CONTAMINATION

{sans objet}

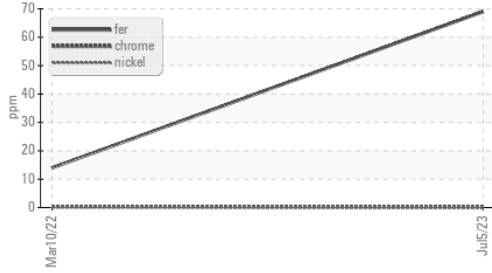
Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicium	ppm	ASTM D5185(m)	>20	<b>5</b>	1	---
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	0	---
Limon	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Eau émulsifiée	scalar	Visual*	>0.1	<b>NEG</b>	NEG	---

## ÉTAT DU FLUIDE

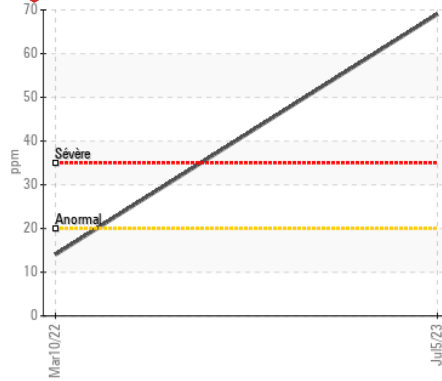
{sans objet}

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185(m)		<b>3</b>	1	---
Bore	ppm	ASTM D5185(m)		<b>118</b>	<1	---
Baryum	ppm	ASTM D5185(m)		<b>0</b>	0	---
Molybdène	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	---
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Magnésium	ppm	ASTM D5185(m)		<b>527</b>	<1	---
Calcium	ppm	ASTM D5185(m)		<b>1115</b>	9	---
Phosphore	ppm	ASTM D5185(m)		<b>839</b>	406	---
Zinc	ppm	ASTM D5185(m)		<b>641</b>	16	---
Soufre	ppm	ASTM D5185(m)		<b>2782</b>	853	---
Visc 40°C	cSt	ASTM D7279(m)	46	<b>38.1</b>	43.6	---
Visc 100°C	cSt	ASTM D7279(m)	8.7	<b>7.5</b>	7.7	---
Indice de viscosité (VI)	Scale	ASTM D2270*	146	<b>168</b>	146	---

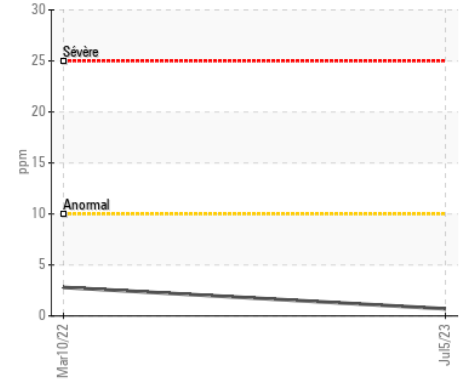
### Alliages ferreux



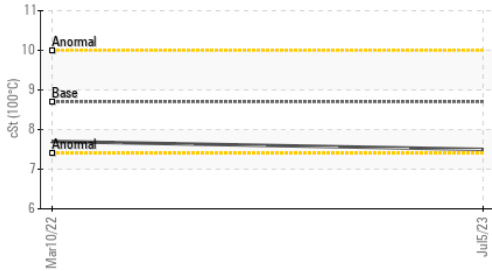
### Fer (ppm)



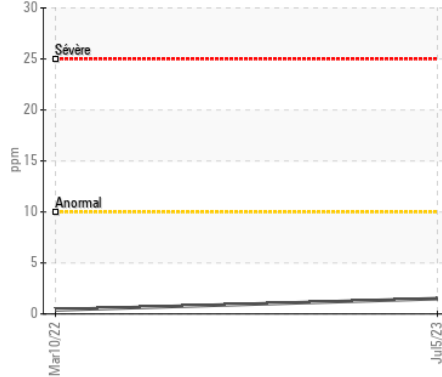
### Plomb (ppm)



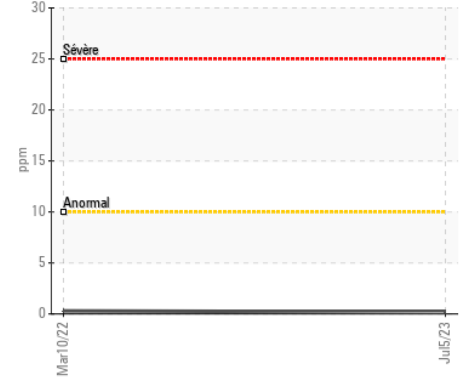
### Viscosité 100°C



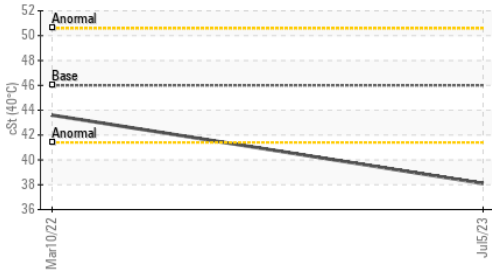
### Aluminium (ppm)



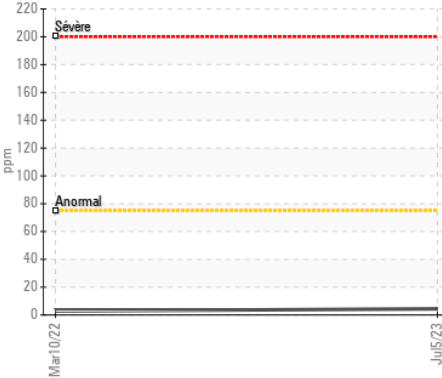
### Chrome (ppm)



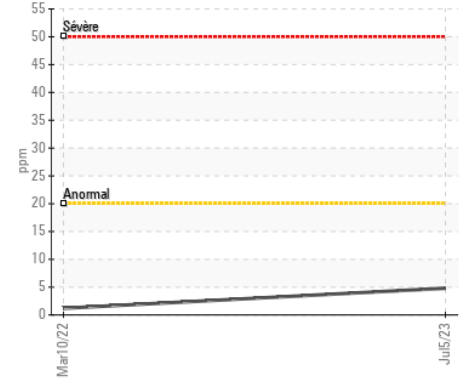
### Viscosité 40°C



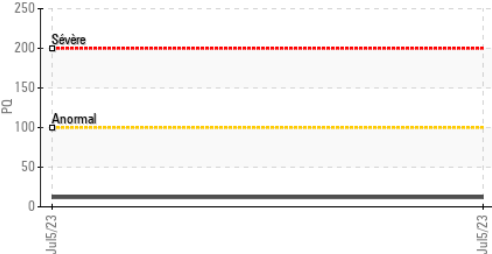
### Cuivre (ppm)



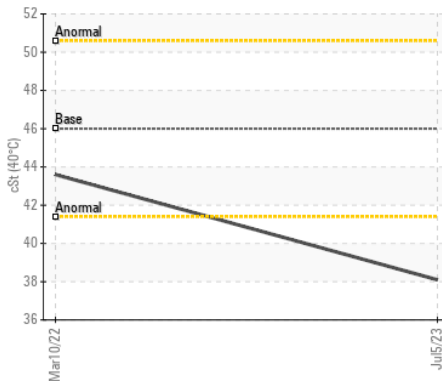
### Silicium (ppm)



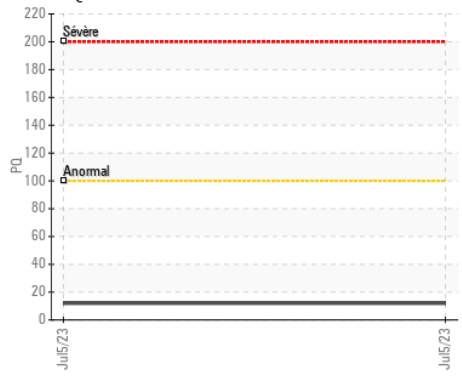
### PQ



### Viscosité 40°C



### PQ



ISO 17025:2017  
Accredited  
Laboratory

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

**N° d'échantillon** : WC

**N° de laboratoire** : 02568287

**Numéro unique** : 5605333

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

**Reçu** : 06 Jul 2023

**Diagnostiqué** : 07 Jul 2023

**Diagnostiqueur** : Bill Quesnel

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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.