



USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>

Identité de la machine

**300-102**

Composant

**Moteur diesel**

Fluid

**DIESEL ENGINE OIL SAE 5W40 (--- 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		<b>PC0079732</b>	---	---
Date d'échant.		Client Info		<b>06 May 2024</b>	---	---
Âge d la Machine	hrs	Client Info		<b>873</b>	---	---
Âge de l'huile	hrs	Client Info		<b>460</b>	---	---
Âge du filtre	hrs	Client Info		<b>460</b>	---	---
Huile changée		Client Info		<b>Changed</b>	---	---
Filtre changé		Client Info		<b>Changed</b>	---	---
Statut de l'échant.				<b>NORMAL</b>	---	---

**USURE**

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

Fer	ppm	ASTM D5185(m)	>90	<b>22</b>	---	---
Chrome	ppm	ASTM D5185(m)	>20	<b>2</b>	---	---
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	---	---
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Argent	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	---	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>18</b>	---	---
Plomb	ppm	ASTM D5185(m)	>40	<b>1</b>	---	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>9</b>	---	---
Étain	ppm	ASTM D5185(m)	>15	<b>1</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Métal blanc	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

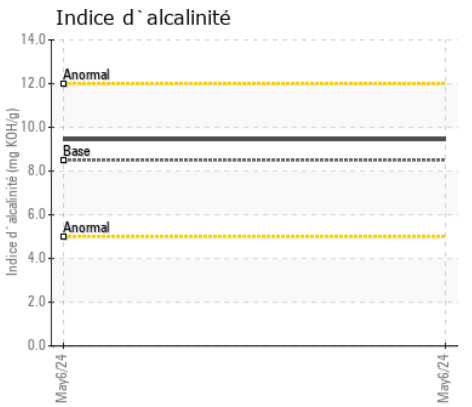
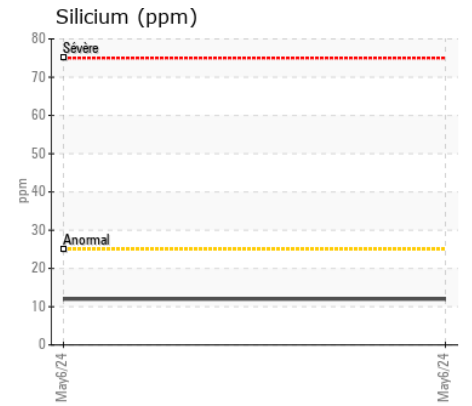
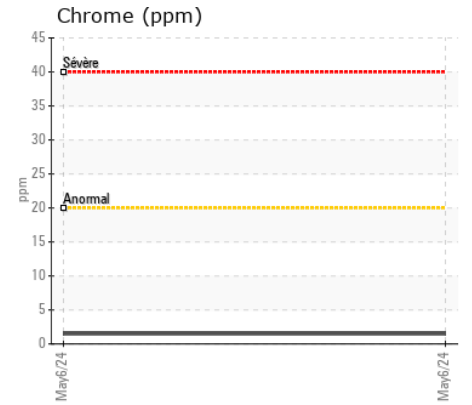
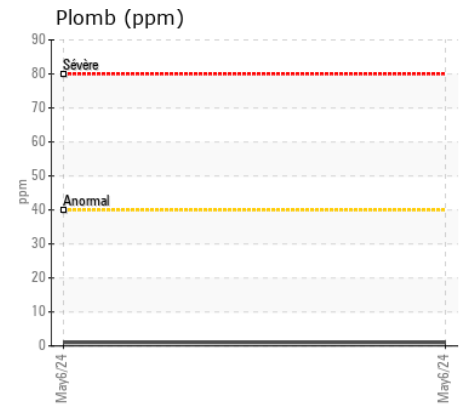
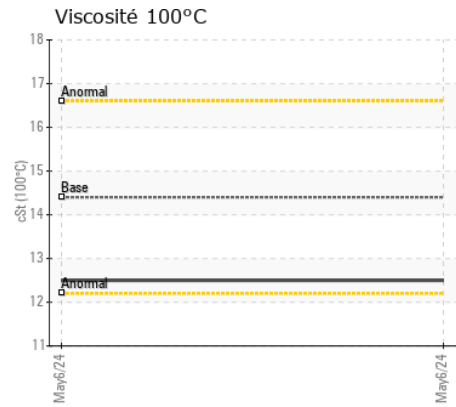
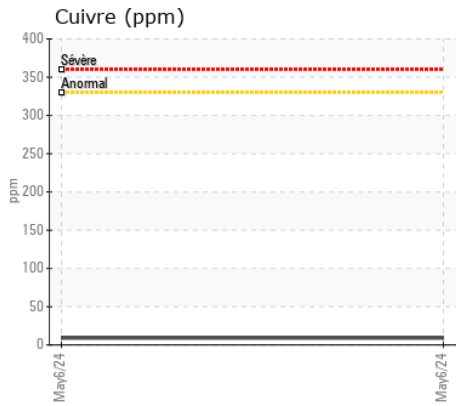
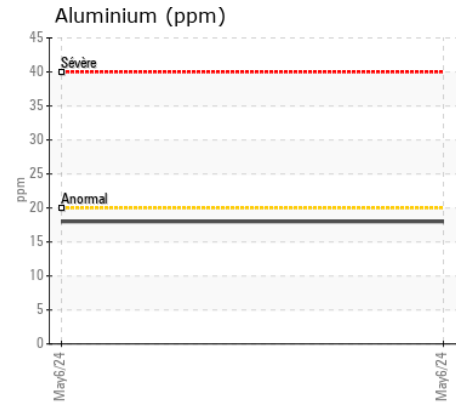
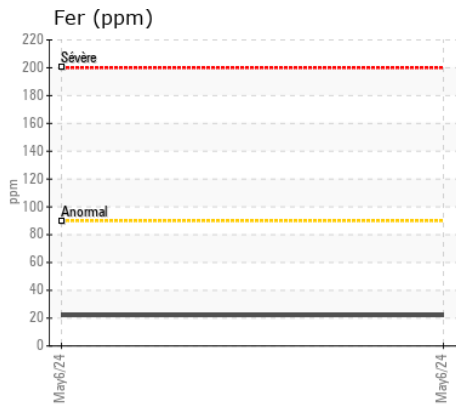
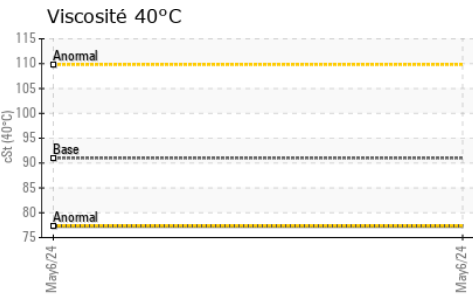
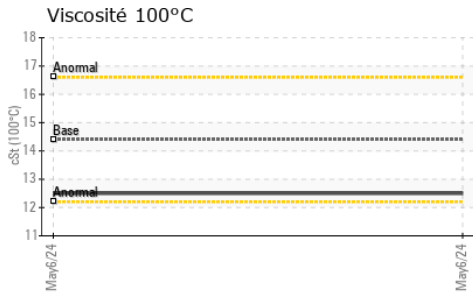
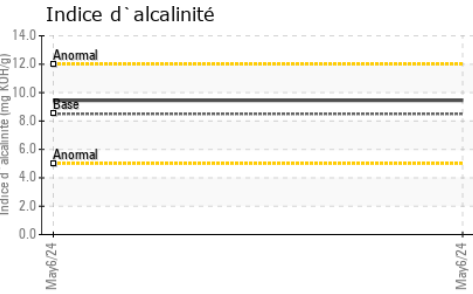
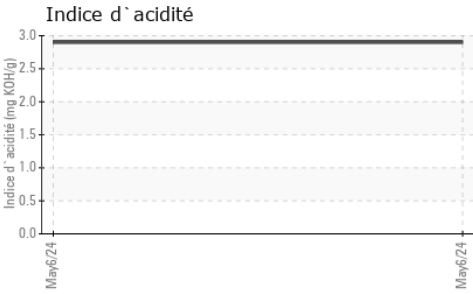
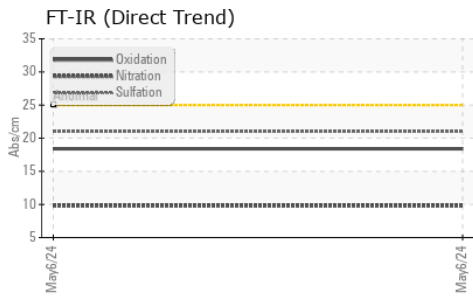
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>12</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>47</b>	---	---
Essence		WC Method	>3.0	<b>&lt;1.0</b>	---	---
L'eau		WC Method	>0.2	<b>NEG</b>	---	---
Glycol		WC Method		<b>NEG</b>	---	---
% de suie	%	ASTM D7844*	>6	<b>0.2</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.8</b>	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>21.0</b>	---	---
Limon	scalar	Visual*	NONE	<b>NONE</b>	---	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	---	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	---	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	---	---

**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	<b>4</b>	---	---
Bore	ppm	ASTM D5185(m)	250	<b>24</b>	---	---
Baryum	ppm	ASTM D5185(m)	10	<b>&lt;1</b>	---	---
Molybdène	ppm	ASTM D5185(m)	100	<b>48</b>	---	---
Manganèse	ppm	ASTM D5185(m)		<b>1</b>	---	---
Magnésium	ppm	ASTM D5185(m)	450	<b>987</b>	---	---
Calcium	ppm	ASTM D5185(m)	3000	<b>853</b>	---	---
Phosphore	ppm	ASTM D5185(m)	1150	<b>866</b>	---	---
Zinc	ppm	ASTM D5185(m)	1350	<b>1072</b>	---	---
Soufre	ppm	ASTM D5185(m)	4250	<b>2388</b>	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>18.4</b>	---	---
Indice d'acidité	mg KOH/g	ASTM D974*		<b>2.90</b>	---	---
Indice d'alcalinité	mg KOH/g	ASTM D2896*	8.5	<b>9.45</b>	---	---
Visc 40°C	cSt	ASTM D7279(m)	91	<b>77.3</b>	---	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>12.5</b>	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*	164	<b>160</b>	---	---



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0079732  
**N° de laboratoire** : 02643970  
**Numéro unique** : 5801509  
**Analyse** : MOB 2 ( Additional Tests: KV40, TAN Auto, TAN Man, VI, Visual )

**HUILES DESROCHES INC.**  
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 CA G1N 4E3  
 Contact: David Labrecque  
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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.  
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.*