



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

01 (S/N 46816787)

Composant

Moteur diesel

Fluid

DIESEL ENGINE OIL SAE 40 (--- LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		CU0023375	---	---
Date d'échant.		Client Info		11 Jun 2024	---	---
Âge d la Machine	kms	Client Info		147374	---	---
Âge de l'huile	kms	Client Info		0	---	---
Âge du filtre	kms	Client Info		0	---	---
Huile changée		Client Info		N/A	---	---
Filtre changé		Client Info		N/A	---	---
Statut de l'échant.				NORMAL	---	---

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185m	>100	12	---	---
Chrome	ppm	ASTM D5185m	>20	<1	---	---
Nickel	ppm	ASTM D5185m	>4	0	---	---
Titane	ppm	ASTM D5185m		<1	---	---
Argent	ppm	ASTM D5185m	>3	0	---	---
Aluminium	ppm	ASTM D5185m	>20	3	---	---
Plomb	ppm	ASTM D5185m	>40	<1	---	---
Cuivre	ppm	ASTM D5185m	>330	<1	---	---
Étain	ppm	ASTM D5185m	>15	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
Métal blanc	scalar	*Visual	NONE	NONE	---	---
Bronze	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

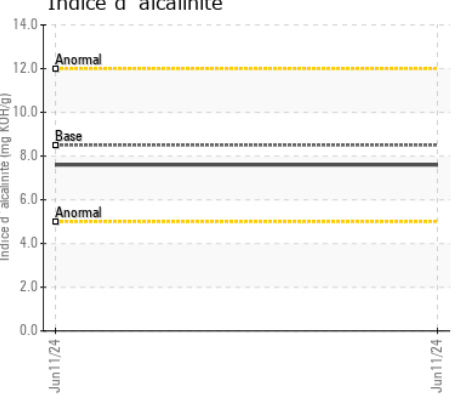
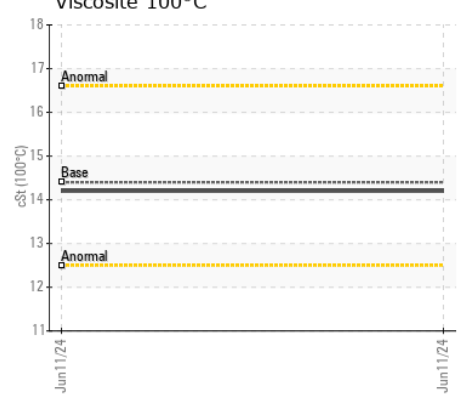
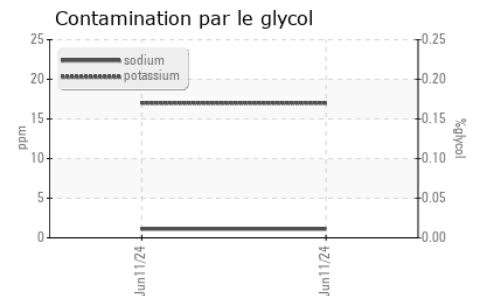
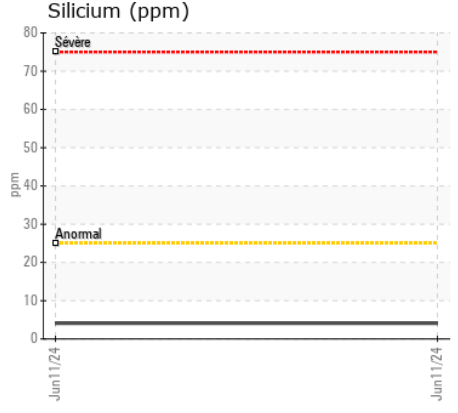
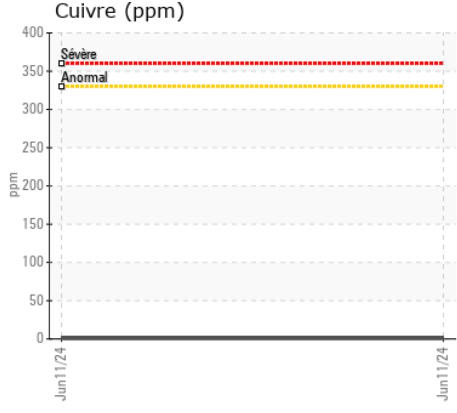
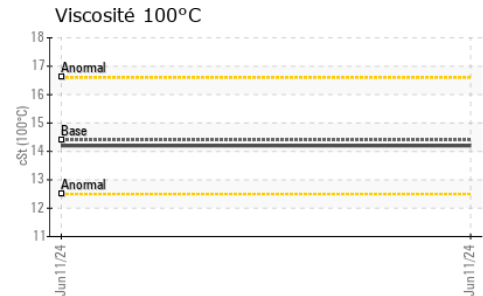
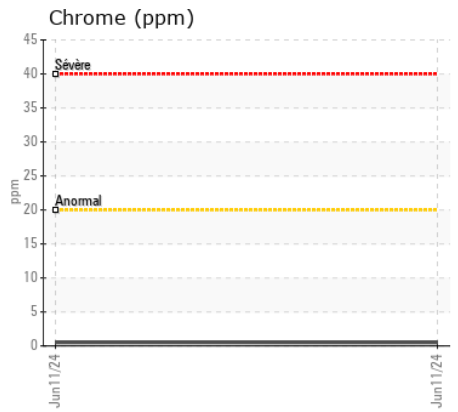
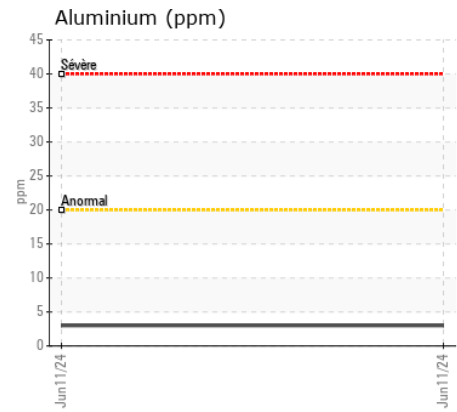
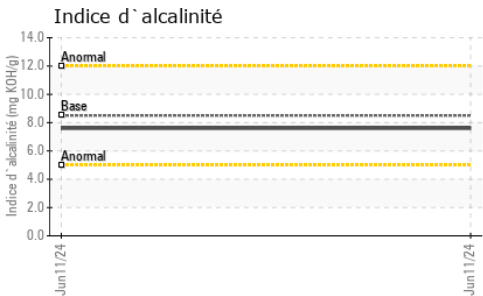
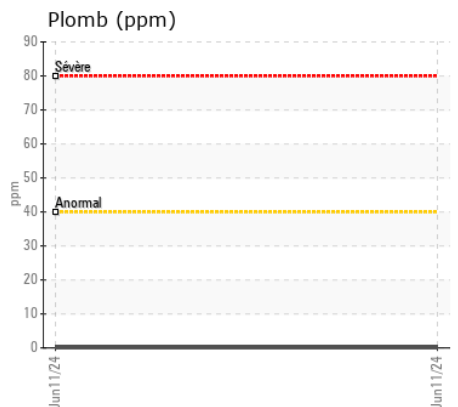
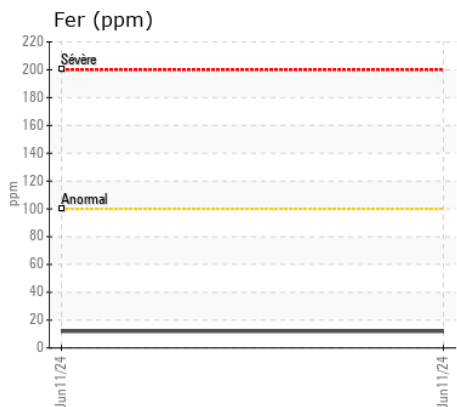
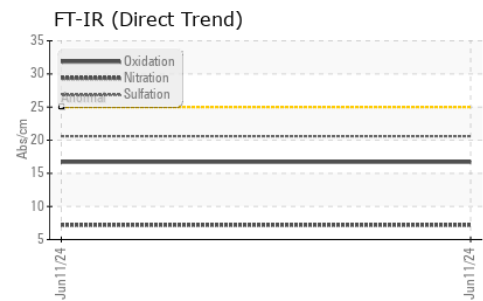
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185m	>25	4	---	---
Potassium	ppm	ASTM D5185m	>20	17	---	---
Essence		WC Method	>5	<1.0	---	---
L'eau		WC Method	>0.2	NEG	---	---
Glycol	%	*ASTM D2982		NEG	---	---
% de suie	%	*ASTM D7844	>3	0.1	---	---
Nitration	Abs/cm	*ASTM D7624	>20	7.2	---	---
Sulfatation	Abs/.1mm	*ASTM D7415	>30	20.6	---	---
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

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m	>216	1	---	---
Bore	ppm	ASTM D5185m	250	160	---	---
Baryum	ppm	ASTM D5185m	10	0	---	---
Molybdène	ppm	ASTM D5185m	100	<1	---	---
Manganèse	ppm	ASTM D5185m		<1	---	---
Magnésium	ppm	ASTM D5185m	450	45	---	---
Calcium	ppm	ASTM D5185m	3000	2191	---	---
Phosphore	ppm	ASTM D5185m	1150	953	---	---
Zinc	ppm	ASTM D5185m	1350	1209	---	---
Soufre	ppm	ASTM D5185m	4250	3342	---	---
Oxydation	Abs/.1mm	*ASTM D7414	>25	16.7	---	---
Indice d'alcalinité	mg KOH/g	ASTM D2896	8.5	7.6	---	---
Visc 100°C	cSt	ASTM D445	14.4	14.2	---	---



Laboratoire : WearCheck USA - 501 Madison Ave., Cary, NC 27513
N° d'échantillon : CU0023375
N° de laboratoire : 06216497
Numéro unique : 11089361
Analyse : MOB 1 (Additional Tests: Glycol, TBN)
Reçu : 20 Jun 2024
Tested : 23 Jun 2024
Diagnostiqué : 23 Jun 2024 - Don Baldrige

CUMMINS CANADA ULC
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Pour discuter cette rapport, contacter le service à la clientèle au 1-800-237-1369.
 * - 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)