



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	ANORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

O.C. TRANSPORT [101129]

Identité de la machine

60399516

Composant

Moteur diesel

Fluide

DIESEL ENGINE OIL SAE 15W40 (--- GAL)

RECOMMENDATION

Check for low coolant level. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		CU0021055	---	---
Date d'échant.		Client Info		27 Jun 2023	---	---
Âge d la Machine	mls	Client Info		45154	---	---
Âge de l'huile	mls	Client Info		0	---	---
Âge du filtre	mls	Client Info		0	---	---
Huile changée		Client Info		N/A	---	---
Filtre changé		Client Info		N/A	---	---
Statut de l'échant.				ABNORMAL	---	---

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>75	13	---	---
Chrome	ppm	ASTM D5185(m)	>5	<1	---	---
Nickel	ppm	ASTM D5185(m)	>4	0	---	---
Titane	ppm	ASTM D5185(m)	>2	0	---	---
Argent	ppm	ASTM D5185(m)	>2	<1	---	---
Aluminium	ppm	ASTM D5185(m)	>15	<1	---	---
Plomb	ppm	ASTM D5185(m)	>25	<1	---	---
Cuivre	ppm	ASTM D5185(m)	>100	2	---	---
Étain	ppm	ASTM D5185(m)	>4	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

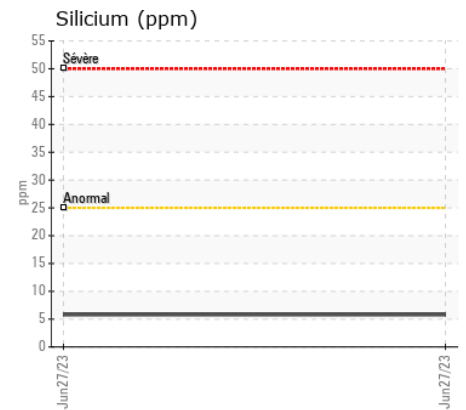
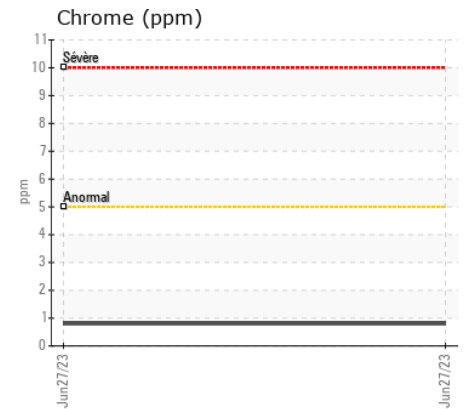
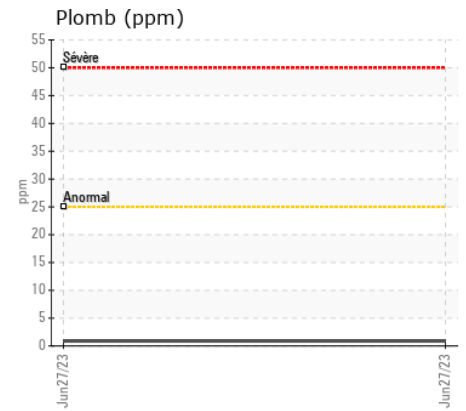
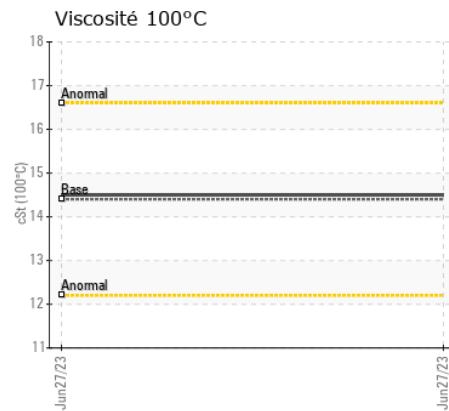
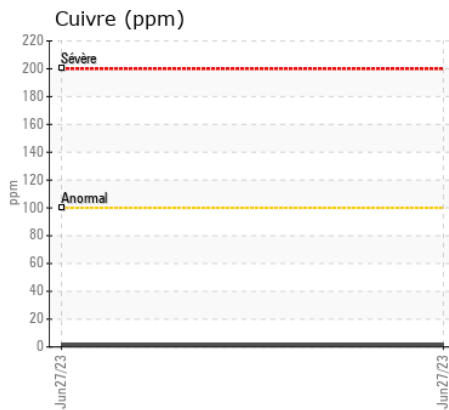
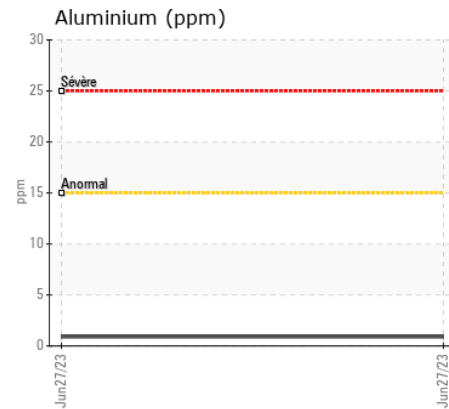
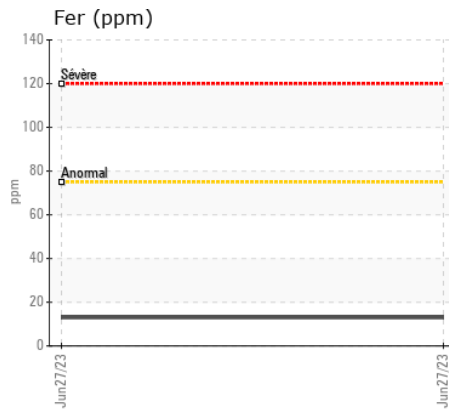
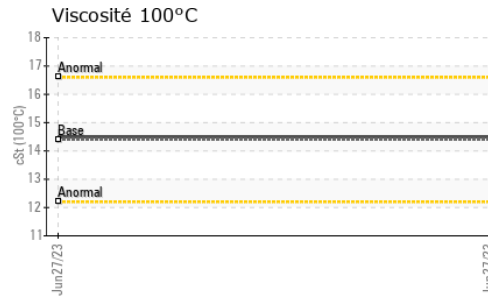
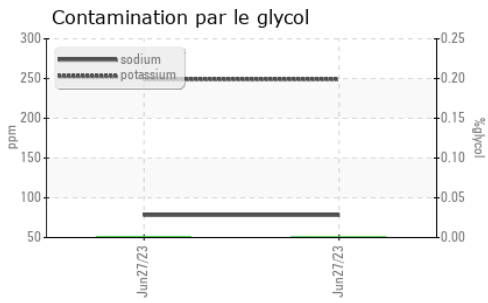
Water treatment chemicals present, indicating slow coolant leak. Test for glycol is negative.

Silicium	ppm	ASTM D5185(m)	>25	6	---	---
Potassium	ppm	ASTM D5185(m)	>20	▲ 249	---	---
Essence		WC Method	>3.0	<1.0	---	---
Glycol	%	ASTM D7922*		0.0	---	---
% de suie	%	ASTM D7844*	>6	1	---	---
Nitration	Abs/cm	ASTM D7624*	>20	8.5	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.5	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service (see recommendation).

Sodium	ppm	ASTM D5185(m)	>158	78	---	---
Bore	ppm	ASTM D5185(m)	250	2	---	---
Baryum	ppm	ASTM D5185(m)	10	0	---	---
Molybdène	ppm	ASTM D5185(m)	100	80	---	---
Manganèse	ppm	ASTM D5185(m)		<1	---	---
Magnésium	ppm	ASTM D5185(m)	450	967	---	---
Calcium	ppm	ASTM D5185(m)	3000	1031	---	---
Phosphore	ppm	ASTM D5185(m)	1150	1061	---	---
Zinc	ppm	ASTM D5185(m)	1350	1155	---	---
Soufre	ppm	ASTM D5185(m)	4250	2506	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.2	---	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	14.5	---	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0021055 **Reçu** : 29 Jun 2023
N° de laboratoire : 02567214 **Diagnostiqué** : 29 Jun 2023
Numéro unique : 5604260 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1 (Additional Tests: Glycol)

CUMMINS EASTERN CANADA LP
 3189 SWANSEA CRESCENT
 OTTAWA, ON
 CA K1G 3W5
 Contact: Max Lauzon
 max.lauzon@cummins.com
 T:
 F: (613)736-1202

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.