



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
[100614]
 Identité de la machine
V16 DETROIT
 Composant
Moteur diesel
 Fluide
VALVOLINE 15W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		CU0018073	---	---
Date d'échant.		Client Info		05 Jun 2023	---	---
Âge d la Machine	hrs	Client Info		358	---	---
Âge de l'huile	hrs	Client Info		20	---	---
Âge du filtre	hrs	Client Info		20	---	---
Huile changée		Client Info		Changed	---	---
Filtre changé		Client Info		Changed	---	---
Statut de l'échant.				NORMAL	---	---

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>200	3	---	---
Chrome	ppm	ASTM D5185(m)	>20	0	---	---
Nickel	ppm	ASTM D5185(m)	>2	<1	---	---
Titane	ppm	ASTM D5185(m)	>2	<1	---	---
Argent	ppm	ASTM D5185(m)	>2	0	---	---
Aluminium	ppm	ASTM D5185(m)	>30	1	---	---
Plomb	ppm	ASTM D5185(m)	>30	<1	---	---
Cuivre	ppm	ASTM D5185(m)	>30	<1	---	---
Étain	ppm	ASTM D5185(m)	>15	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

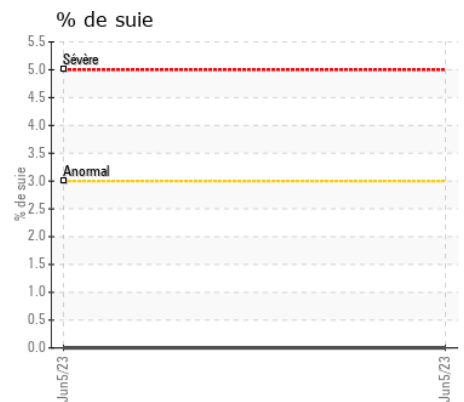
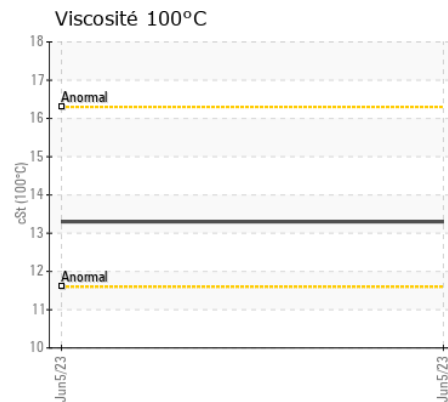
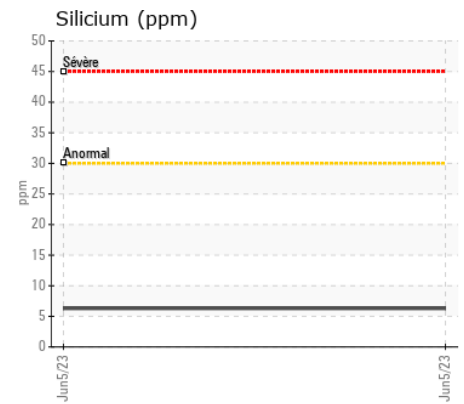
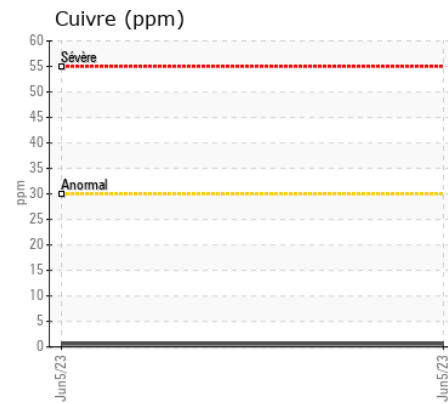
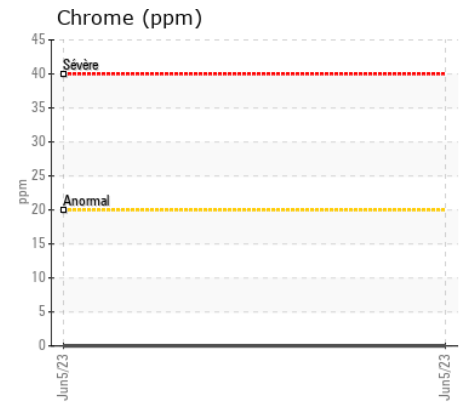
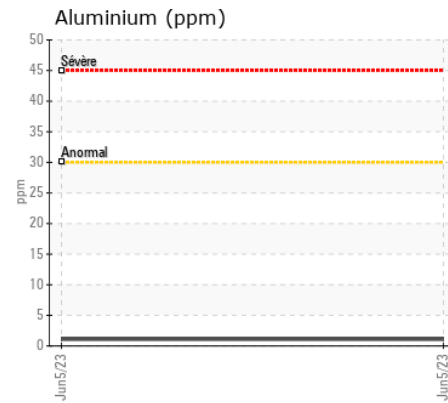
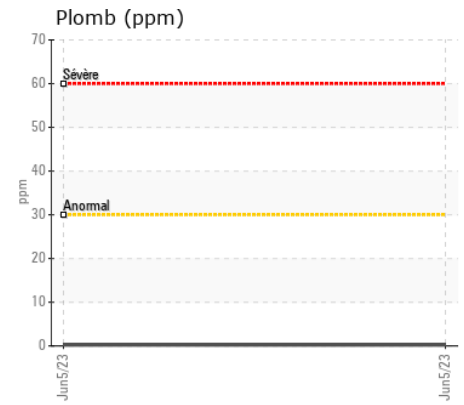
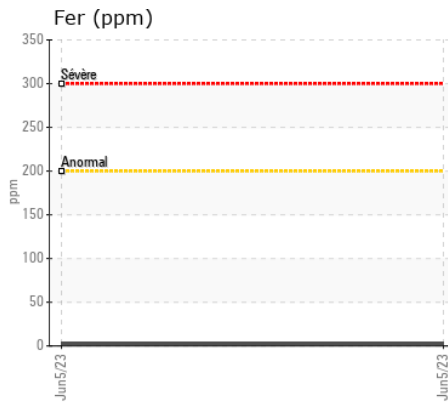
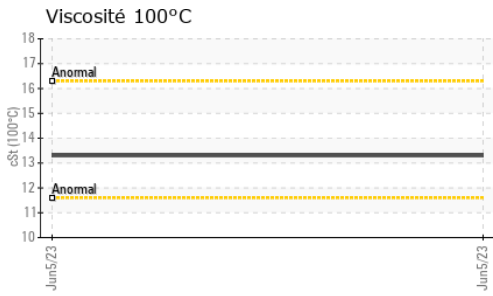
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>30	6	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---
Essence		WC Method	>3.0	<1.0	---	---
Glycol		WC Method		NEG	---	---
% de suie	%	ASTM D7844*	>3	0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	6.4	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.2	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		3	---	---
Bore	ppm	ASTM D5185(m)		50	---	---
Baryum	ppm	ASTM D5185(m)		0	---	---
Molybdène	ppm	ASTM D5185(m)		47	---	---
Manganèse	ppm	ASTM D5185(m)		<1	---	---
Magnésium	ppm	ASTM D5185(m)		772	---	---
Calcium	ppm	ASTM D5185(m)		1231	---	---
Phosphore	ppm	ASTM D5185(m)		756	---	---
Zinc	ppm	ASTM D5185(m)		786	---	---
Soufre	ppm	ASTM D5185(m)		1998	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.8	---	---
Visc 100°C	cSt	ASTM D7279(m)		13.3	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0018073
N° de laboratoire : 02563084
Numéro unique : 5592125
Analyse : MOB 1

Reçu : 09 Jun 2023
Diagnostiqué : 09 Jun 2023
Diagnostiqueur : Wes Davis

CUMMINS EASTERN CANADA LP
 3189 SWANSEA CRESCENT
 OTTAWA, ON
 CA K1G 3W5
 Contact: Max Lauzon
 max.lauzon@cummins.com

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.

T: (613)736-1202