



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
[99891]
 Identité de la machine
10-250-001 (S/N 30367205)
 Composant
Moteur diesel
 Fluid
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		CU0020701	CU0016206	CU0015681
Date d'échant.		Client Info		20 Jan 2024	04 Jul 2020	06 Oct 2019
Âge d la Machine	hrs	Client Info		452	357	346
Âge de l'huile	hrs	Client Info		40	0	21
Âge du filtre	hrs	Client Info		40	0	21
Huile changée		Client Info		Changed	Changed	N/A
Filtre changé		Client Info		Changed	Changed	N/A
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>90	3	2	2
Chrome	ppm	ASTM D5185(m)	>20	0	0	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	0	0
Titane	ppm	ASTM D5185(m)	>2	0	<1	8
Argent	ppm	ASTM D5185(m)	>2	0	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	1	<1	1
Plomb	ppm	ASTM D5185(m)	>40	<1	0	<1
Cuivre	ppm	ASTM D5185(m)	>330	21	<1	1
Étain	ppm	ASTM D5185(m)	>15	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	<1

CONTAMINATION

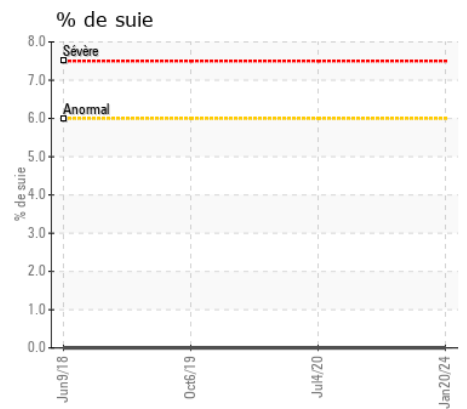
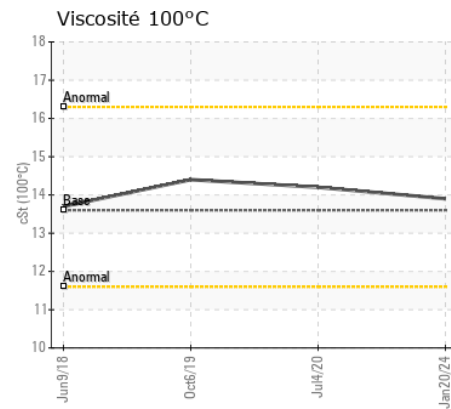
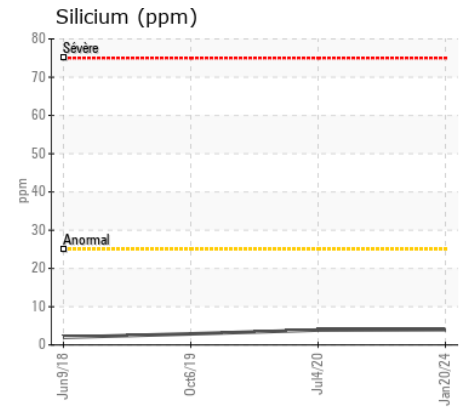
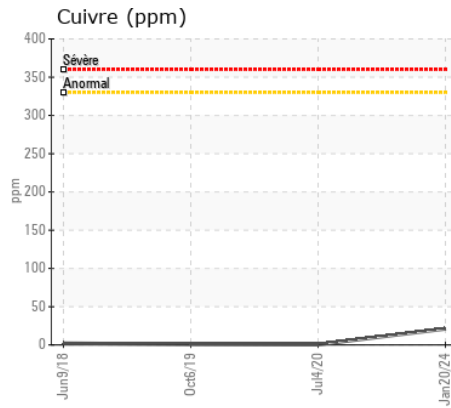
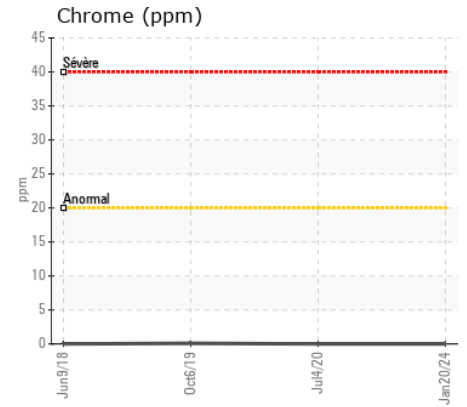
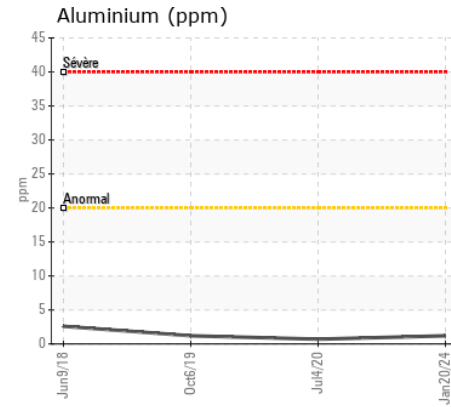
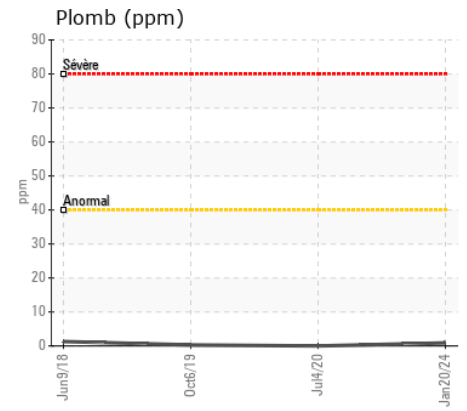
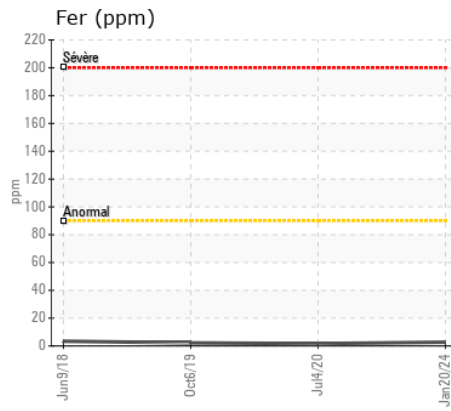
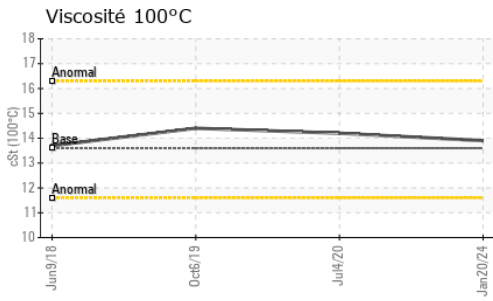
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	4	4	3
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Essence		WC Method	>3.0	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>6	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	6.8	7.2	6.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.2	24.6	21.6
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		3	3	2
Bore	ppm	ASTM D5185(m)	39	43	60	67
Baryum	ppm	ASTM D5185(m)	1	0	0	<1
Molybdène	ppm	ASTM D5185(m)	49	46	46	43
Manganèse	ppm	ASTM D5185(m)	1	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	616	768	619	590
Calcium	ppm	ASTM D5185(m)	1554	1189	1582	1563
Phosphore	ppm	ASTM D5185(m)	899	712	1057	1061
Zinc	ppm	ASTM D5185(m)	1069	799	1210	1203
Soufre	ppm	ASTM D5185(m)	2624	2051	2728	2775
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.6	15.9	15.8
Visc 100°C	cSt	ASTM D7279(m)	13.6	13.9	14.2	14.4



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0020701
N° de laboratoire : 02610848
Numéro unique : 5719943
Analyse : MOB 1

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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.