



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

51929

Composant

Moteur diesel

Fluide

DIESEL ENGINE OIL SAE 10W30 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0857909	WC0828284	WC0797617
Date d'échant.		Client Info		22 Aug 2023	19 Jun 2023	16 Apr 2023
Âge d la Machine	mls	Client Info		302357	267808	284089
Âge de l'huile	mls	Client Info		34543	33719	33190
Âge du filtre	mls	Client Info		34543	33719	33190
Huile changée		Client Info		Changed	Changed	Changed
Filtre changé		Client Info		Changed	Changed	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>90	18	15	15
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titane	ppm	ASTM D5185(m)	>2	0	0	<1
Argent	ppm	ASTM D5185(m)	>2	<1	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	6	4	3
Plomb	ppm	ASTM D5185(m)	>40	2	1	2
Cuivre	ppm	ASTM D5185(m)	>330	2	1	1
Étain	ppm	ASTM D5185(m)	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

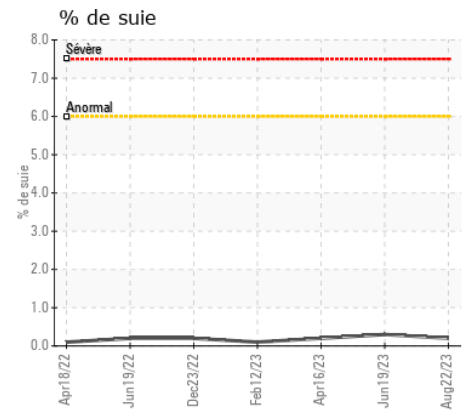
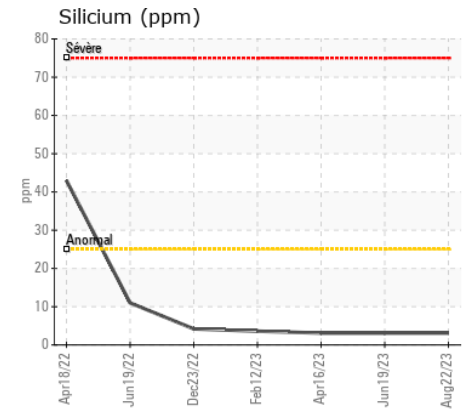
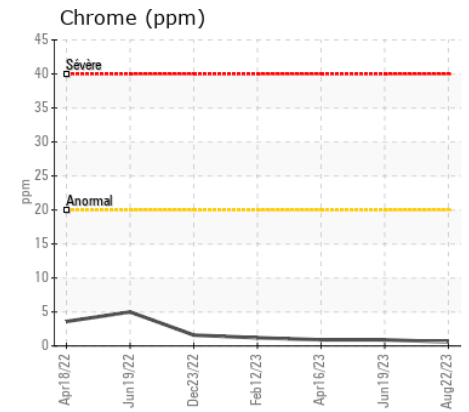
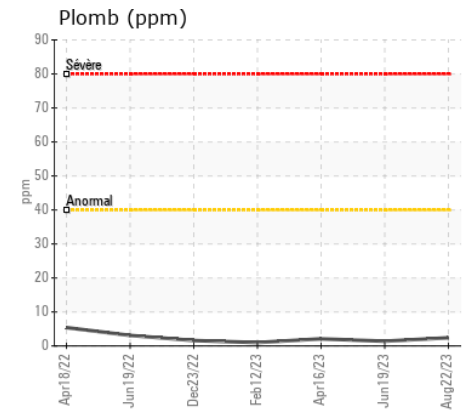
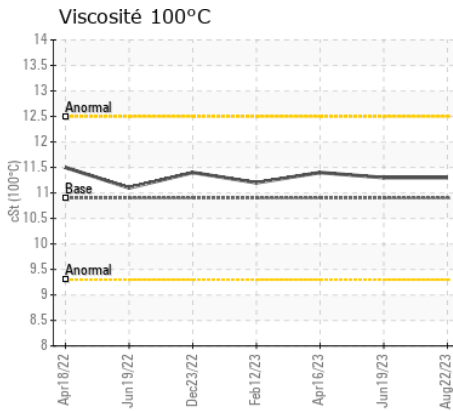
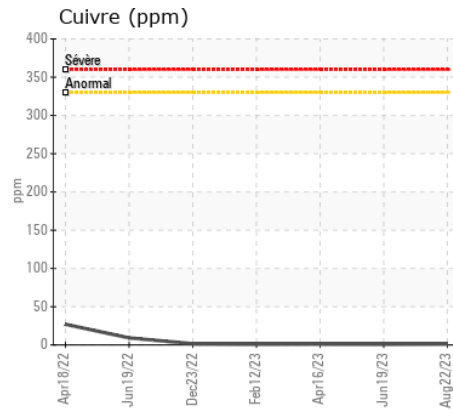
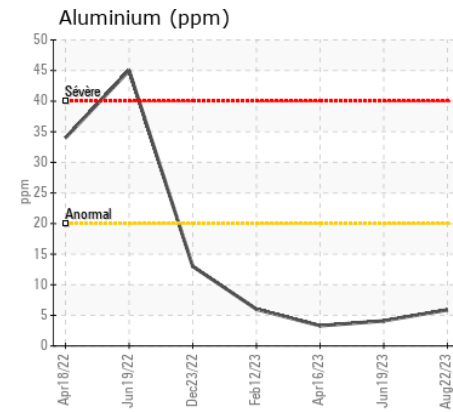
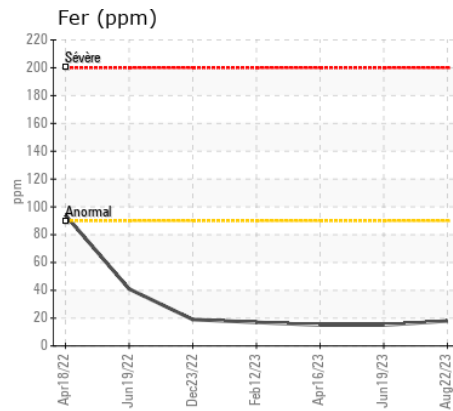
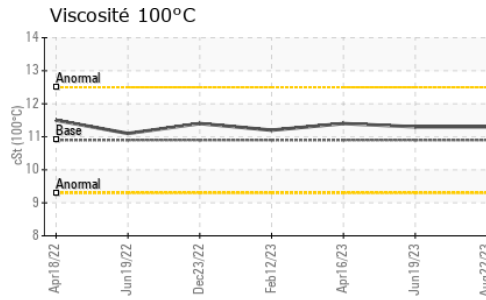
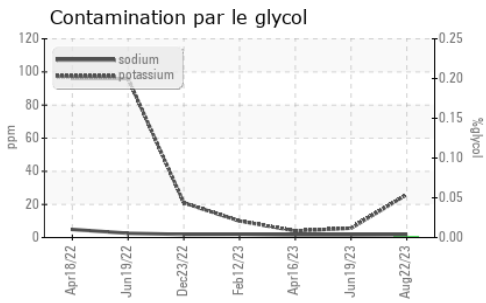
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	3	3	3
Potassium	ppm	ASTM D5185(m)	>20	26	6	4
Essence		WC Method	>3.0	<1.0	<1.0	<1.0
Glycol	%	ASTM D7922*		0.0	NEG	NEG
% de suie	%	ASTM D7844*	>6	0.2	0.3	0.2
Nitration	Abs/cm	ASTM D7624*	>20	8.2	9.0	8.1
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.1	20.2	19.4
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)		2	2	2
Bore	ppm	ASTM D5185(m)	250	2	2	2
Baryum	ppm	ASTM D5185(m)	10	<1	0	0
Molybdène	ppm	ASTM D5185(m)	100	61	61	61
Manganèse	ppm	ASTM D5185(m)		0	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	989	1016	991
Calcium	ppm	ASTM D5185(m)	3000	1081	1083	1094
Phosphore	ppm	ASTM D5185(m)	1150	1004	1071	1073
Zinc	ppm	ASTM D5185(m)	1350	1225	1243	1221
Soufre	ppm	ASTM D5185(m)	4250	2382	2431	2473
Oxydation	Abs/.1mm	ASTM D7414*	>25	14.7	16.7	15.9
Visc 100°C	cSt	ASTM D7279(m)	10.9	11.3	11.3	11.4



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0857909
N° de laboratoire : 02589223
Numéro unique : 5658289
Analyse : MOB 1 (Additional Tests: Glycol)

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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.*