



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL



Identité de la machine
LIEBHERR A904CLI 075959-1005

Composant
Moteur diesel

Fluid
CHEVRON DELO 400 LE 15W40 (30 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0107849	LH0107848	LH0107847
Date d'échant.		Client Info		28 Dec 2023	28 Mar 2023	04 Oct 2022
Âge d la Machine	hrs	Client Info		4593	4127	3931
Âge de l'huile	hrs	Client Info		466	0	0
Âge du filtre	hrs	Client Info		0	0	0
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)	>100	5	3	6
Chrome	ppm	ASTM D5185(m)	>5	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	<1	0	0
Titane	ppm	ASTM D5185(m)		0	<1	0
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>15	2	2	2
Plomb	ppm	ASTM D5185(m)	>30	<1	<1	<1
Cuivre	ppm	ASTM D5185(m)	>125	4	3	3
Étain	ppm	ASTM D5185(m)	>5	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

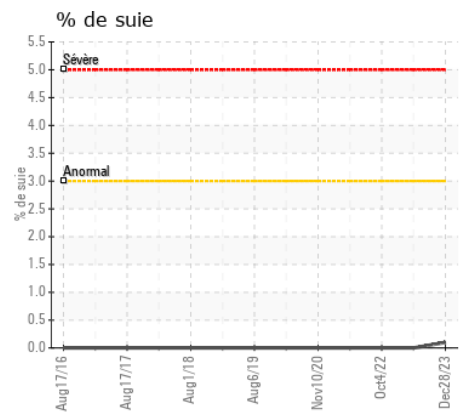
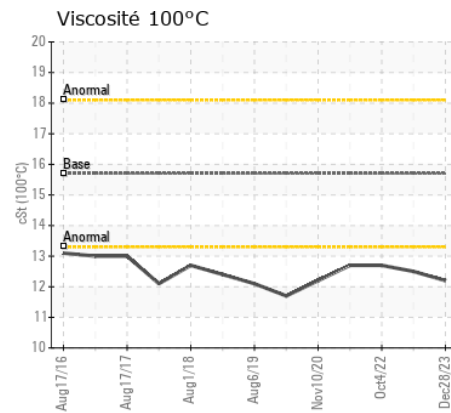
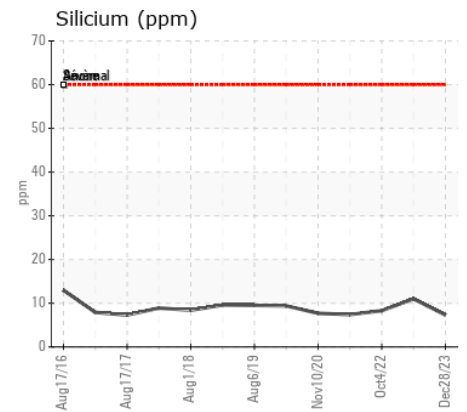
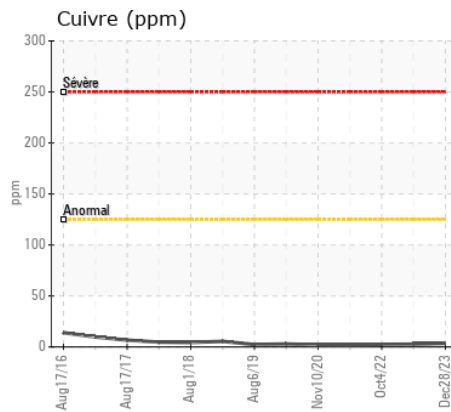
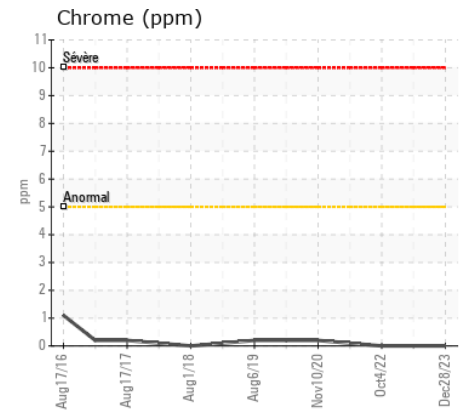
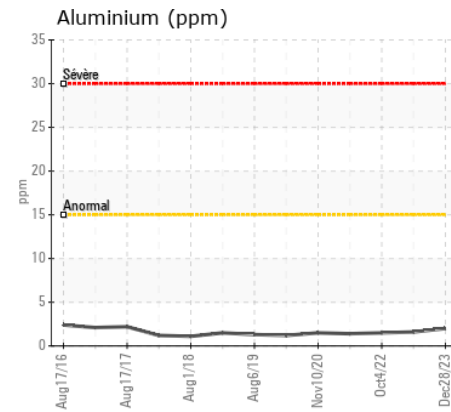
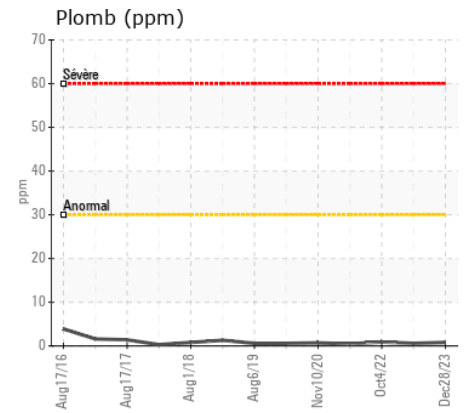
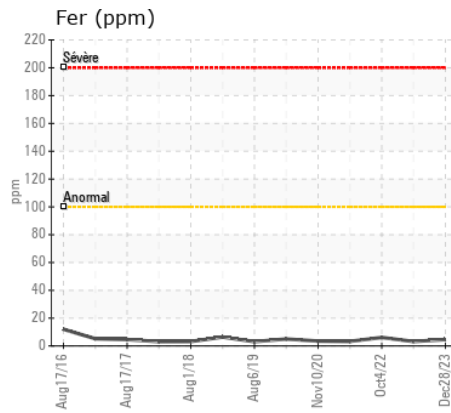
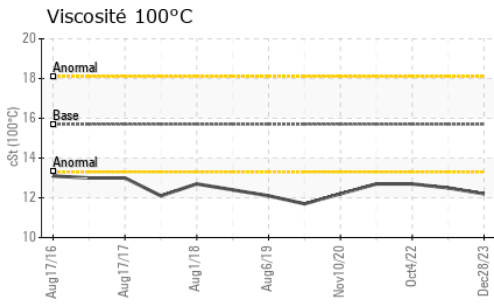
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>60	7	11	8
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Essence		WC Method	>5	<1.0	1.2	1.3
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.1	0	0
Nitration	Abs/cm	ASTM D7624*	>20	6.4	5.9	6.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.4	25.1	23.3
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)		47	59	49
Baryum	ppm	ASTM D5185(m)		0	0	0
Molybdène	ppm	ASTM D5185(m)		46	46	41
Manganèse	ppm	ASTM D5185(m)		0	<1	<1
Magnésium	ppm	ASTM D5185(m)		501	507	494
Calcium	ppm	ASTM D5185(m)		1615	1781	1701
Phosphore	ppm	ASTM D5185(m)	1200	734	799	782
Zinc	ppm	ASTM D5185(m)	1300	852	887	838
Soufre	ppm	ASTM D5185(m)	3200	2210	2219	2083
Oxydation	Abs/.1mm	ASTM D7414*	>25	19.2	20.2	20.7
Visc 100°C	cSt	ASTM D7279(m)	15.7	12.2	12.5	12.7



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **The Corporation of the Township of Hamilton**
N° d'échantillon : WC0107849 **Reçu** : 03 Jan 2024 8285 Majestic Hills Drive
N° de laboratoire : 02606185 **Diagnostiqué** : 03 Jan 2024 Cobourg, ON
Numéro unique : 5707271 **Diagnostiqueur** : Wes Davis CA K9A 4J7
Analyse : MOB 1 Contact: Craig McMurray

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.

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