



CONSTRUCTION EQUIPMENT

MIRAGE 2315680 VOLVO L110H 632059 - DIESEL ENGINE



Sample No: VCP349587
Oil Type: SHELL ROTELLA T 15W40
Job No: 2315680



INFORMATION SUR L' CHANTILLON

Numéro d'échant.	VCP349587	VCP347158	VCP251335	VCP274276
Date d'échant.	21 Dec 2023	18 May 2023	15 Apr 2022	23 Nov 2021
Heures de la Machine	10224	8103	3996	2136
Heures de l'huile	0	0	500	500
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 100°C	cSt	14.9	14.9	13.7	14.0
Oxydation (PA)	%	69	71	46	79



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0.1	0.2	0	0
Nitration (PA)	%	63	69	40	51
Sulfatation (PA)	%	60	60	49	64
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	2	2	5	5
Sodium	ppm	2	2	3	2
Potassium	ppm	7	7	2	<1



M TAUX D'USURE

Fer	ppm	4	6	8	5
Cuivre	ppm	<1	<1	1	<1
Plomb	ppm	<1	0	0	0
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	3	4	4	3
Chrome	ppm	0	0	<1	<1
Molybdène	ppm	0	<1	38	33
Nickel	ppm	<1	0	<1	<1
Titane	ppm	0	<1	0	0
Argent	ppm	0	0	<1	<1
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	2107	2432	1764	1555
Magnésium	ppm	12	14	474	460
Zinc	ppm	1104	1223	1178	977
Phosphore	ppm	910	1078	1013	850
Baryum	ppm	0	0	0	0
Bore	ppm	128	126	58	46



BOA-FRANC

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Diagnostic

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: BOASAI

Unique No: 5708842

Signed: Wes Davis

Report Date: 10 Jan 2024

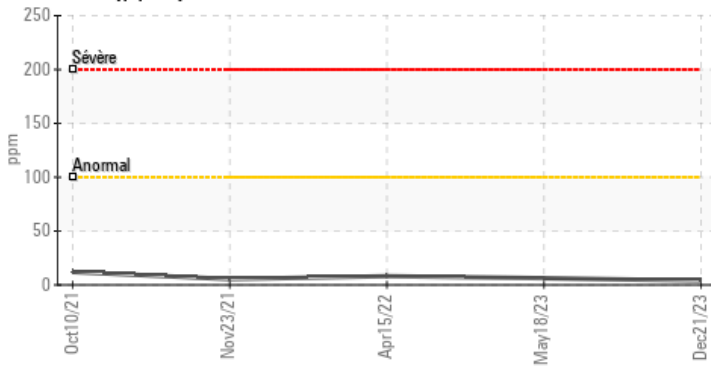


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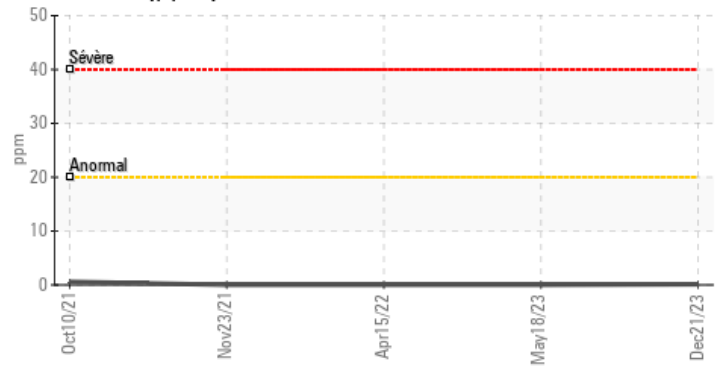


GRAPHS

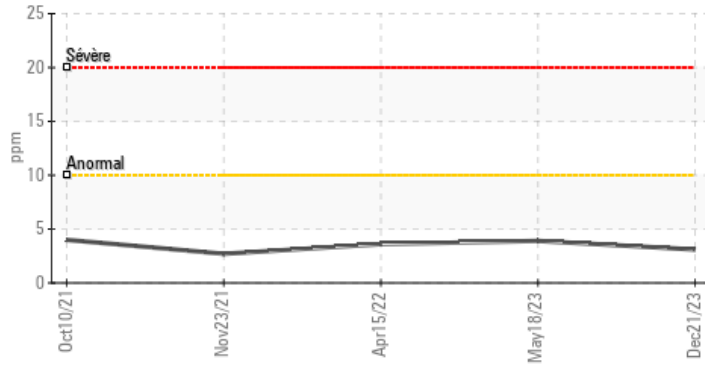
Fer (ppm)



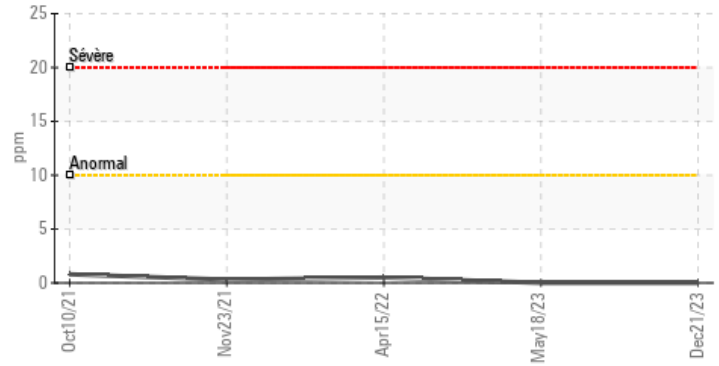
Plomb (ppm)



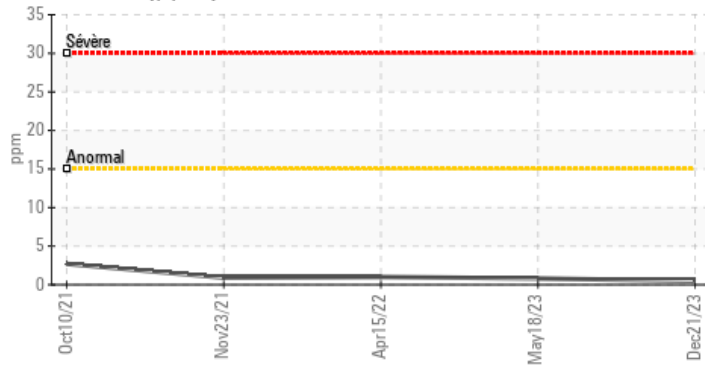
Aluminium (ppm)



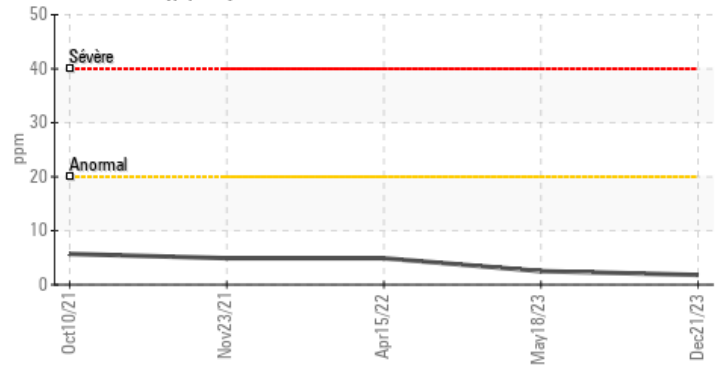
Chrome (ppm)



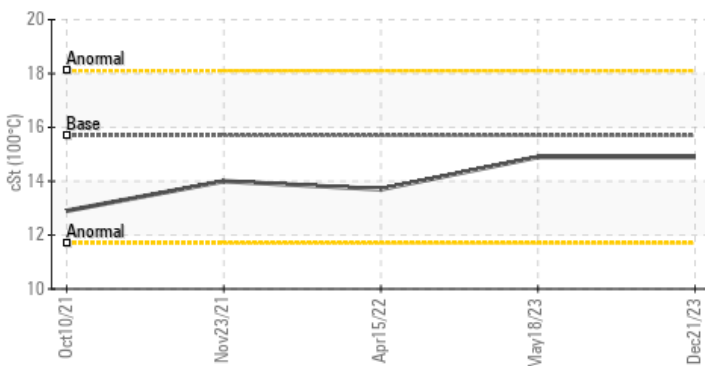
Cuivre (ppm)



Silicium (ppm)



Viscosité 100°C



% de suie

