



CONSTRUCTION EQUIPMENT

ROSARIO POIRIER VOLVO L110H 631739 - HYDRAULIC SYSTEM



Sample No: VCP394266

Oil Type: VOLVO SUPER HYDRAULIC OIL 46

Job No:



SAMPLE INFORMATION

Sample Number	VCP394266	VCP352572	VCP334358	VCP298528
Sample Date	19 Dec 2023	03 Oct 2022	12 Nov 2021	31 Mar 2021
Machine Hours	8000	5995	4012	2941
Oil Hours	0	4000	4000	0
Oil Changed	Changed	Changed	N/A	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL



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OIL CONDITION

Visc @ 40°C	cSt	42.5	38.2	33.9	35.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		14754	3198	9296	9360
Particles >6µm		2013	114	1613	941
Particles >14µm		23	6	34	24
ISO 4406:1999 (c)		21/18/12	19/14/10	20/18/12	20/17/12
Silicon	ppm	1	4	4	4
Sodium	ppm	<1	2	2	2
Potassium	ppm	<1	<1	<1	<1

Diagnosis

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. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	2	5	5	6
Copper	ppm	1	1	1	2
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	1	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	4	5	2
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	89	247	311	218
Magnesium	ppm	12	79	107	44
Zinc	ppm	431	505	526	499
Phosphorus	ppm	353	471	478	390
Barium	ppm	0	0	0	<1
Boron	ppm	2	11	15	7

Depot: VOLVO0228
Unique No: 5709832
Signed: Wes Davis
Report Date: 16 Jan 2024

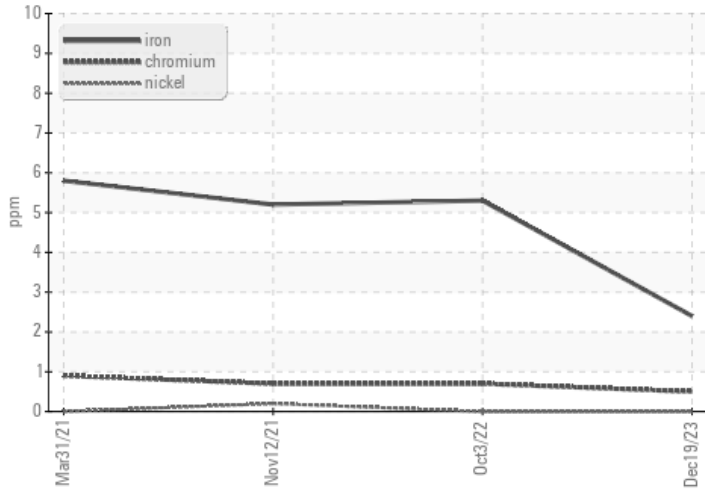


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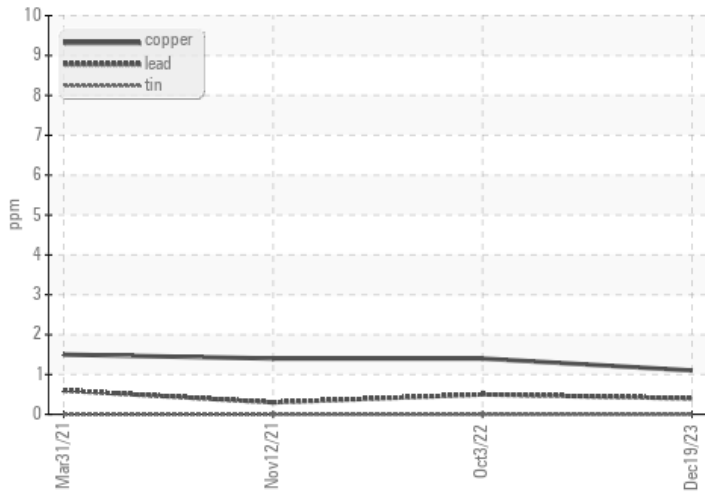


GRAPHS

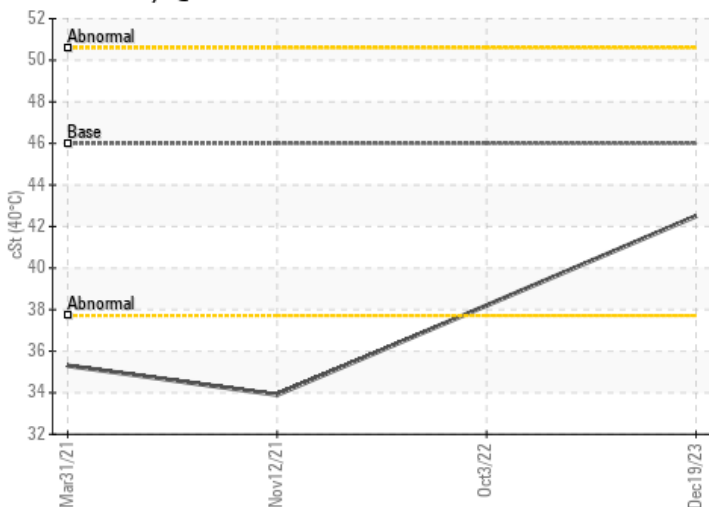
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

