



CONSTRUCTION EQUIPMENT

VOLVO L90H 625902 - TRANSMISSION (AUTO)



Sample No: VCP273468
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP273468	VCP352233	VCP333960	---
Sample Date	04 Dec 2023	11 Jul 2022	26 Jan 2022	---
Machine Hours	9113	4013	1991	---
Oil Hours	0	0	2000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	28.8	27.6	28.0	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	8	10	---
Sodium	ppm	4	5	4	---
Potassium	ppm	<1	3	2	---

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. Il n'y a aucun indice de contamination dans le fluide. L'état de le fluide est acceptable pour la durée de service.

WEAR METALS

PQ		---	---	0	---
Iron	ppm	60	80	161	---
Copper	ppm	9	10	11	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	7	3	4	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	2	4	9	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	68	73	74	---
Magnesium	ppm	<1	2	2	---
Zinc	ppm	67	22	38	---
Phosphorus	ppm	210	190	196	---
Barium	ppm	<1	<1	2	---
Boron	ppm	63	69	61	---

Depot: VOLVO0228
Unique No: 5695977
Signed: Wes Davis
Report Date: 13 Dec 2023

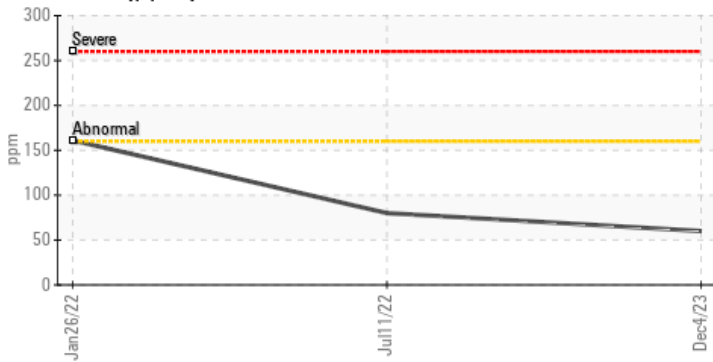


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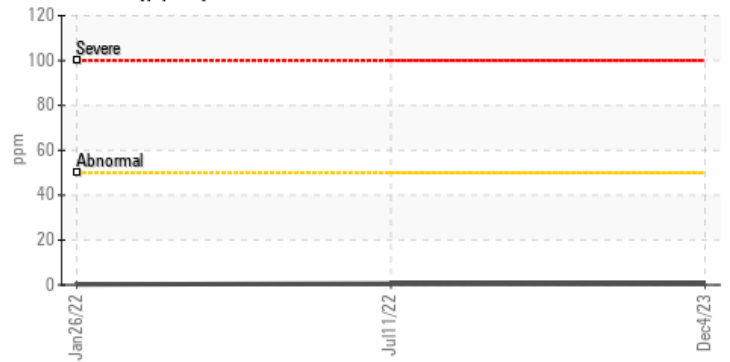


GRAPHS

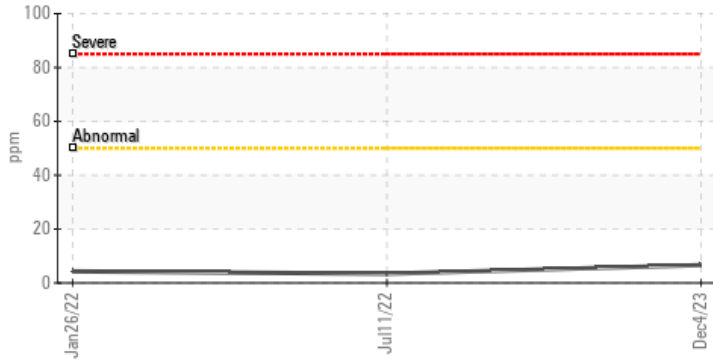
Iron (ppm)



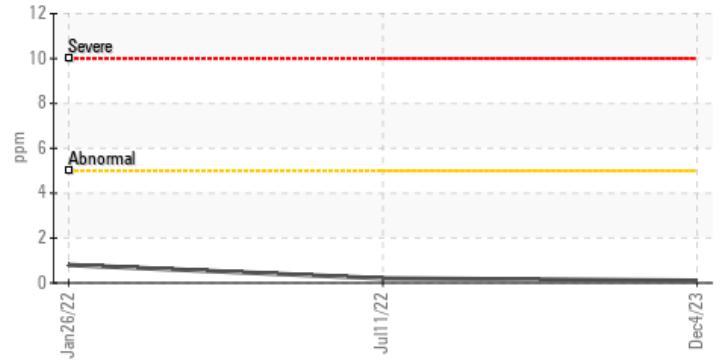
Lead (ppm)



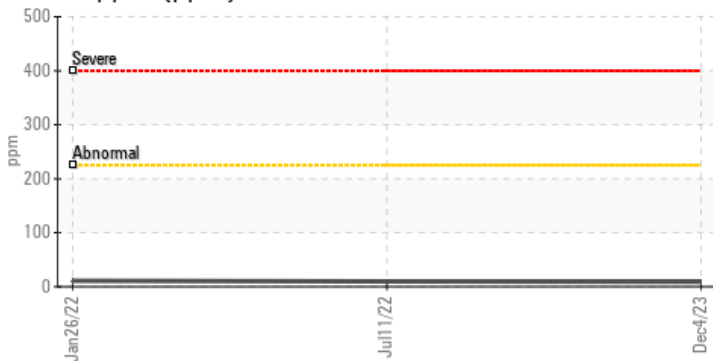
Aluminum (ppm)



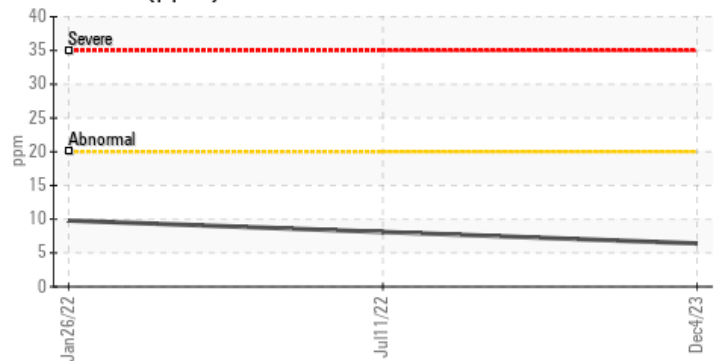
Chromium (ppm)



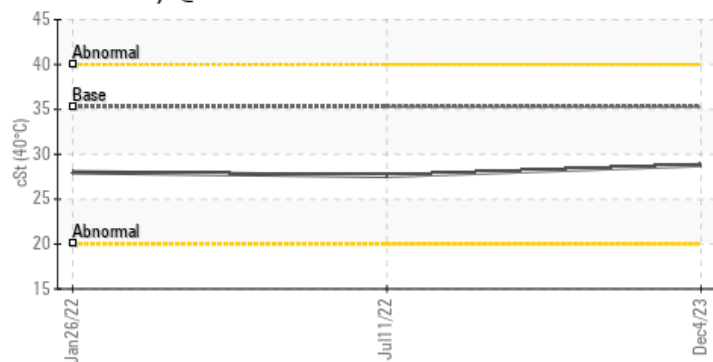
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

