



CONSTRUCTION EQUIPMENT

VOLVO L90H 625902 - REAR AXLE



Sample No: VCP273471
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP273471	VCP352255	VCP333963	---
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	41.9	42.2	43.0	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	10	13	13	---
Sodium	ppm	1	9	9	---
Potassium	ppm	0	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. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	16	45	27	---
Copper	ppm	4	13	10	---
Lead	ppm	<1	<1	0	---
Tin	ppm	0	1	1	---
Aluminum	ppm	1	2	1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	0	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3402	4019	3929	---
Magnesium	ppm	11	14	18	---
Zinc	ppm	1479	1594	1622	---
Phosphorus	ppm	1304	1328	1397	---
Barium	ppm	<1	0	0	---
Boron	ppm	90	112	118	---

Depot: VOLVO0228
Unique No: 5695997
Signed: Wes Davis
Report Date: 13 Dec 2023



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GRAPHS

