



CONSTRUCTION EQUIPMENT

399261 VOLVO L180H 4705 - REAR AXLE



Sample No: VCP450193
Oil Type: VOLVO WB 102
Job No: 399261



SAMPLE INFORMATION

Sample Number	VCP450193	VCP392050	VCP352831	VCP298287
Sample Date	26 Mar 2024	22 Nov 2023	23 Sep 2022	16 Sep 2021
Machine Hours	10360	10055	8051	5995
Oil Hours	500	2000	0	0
Oil Changed	Not Chngd	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



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OIL CONDITION

Visc @ 40°C	cSt	42.3	42.1	42.0	39.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	14	15	12
Sodium	ppm	<1	1	2	9
Potassium	ppm	<1	0	<1	<1



WEAR METALS

Iron	ppm	8	38	91	89
Copper	ppm	<1	7	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	2	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4134	4054	4249	3789
Magnesium	ppm	14	11	15	11
Zinc	ppm	1631	1625	1614	1605
Phosphorus	ppm	1298	1334	1396	1365
Barium	ppm	0	<1	0	0
Boron	ppm	115	116	121	118

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.

Depot: VOLVO0228
Unique No: 5759261
Signed: Wes Davis
Report Date: 02 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

