



CONSTRUCTION EQUIPMENT

DJL 393374 VOLVO L180H 4336 - REAR AXLE



Sample No: VCP429848
Oil Type: VOLVO WB 102
Job No: 393374



SAMPLE INFORMATION

Sample Number	VCP429848	VCP379639	VCP260197	VCP214456
Sample Date	16 Feb 2024	24 Feb 2023	23 Dec 2019	03 Oct 2018
Machine Hours	7149	6428	3845	2051
Oil Hours	3175	0	0	2000
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	39.5	40.6	39.7	40.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	12	9	15
Sodium	ppm	3	4	2	<1
Potassium	ppm	1	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	49	34	41	109
Copper	ppm	1	<1	1	<1
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	1	1	<1
Chromium	ppm	<1	<1	1	2
Molybdenum	ppm	2	2	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	2
Vanadium	ppm	0	0	0	<1

ADDITIVES

Calcium	ppm	3424	3684	2403	4112
Magnesium	ppm	35	37	9	11
Zinc	ppm	1405	1465	1128	1630
Phosphorus	ppm	1181	1281	946	1314
Barium	ppm	0	0	<1	0
Boron	ppm	99	108	70	116

Depot: VOLVO0228
Unique No: 5733862
Signed: Wes Davis
Report Date: 20 Feb 2024



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GRAPHS

