



CONSTRUCTION EQUIPMENT

393374 VOLVO L180H 4336 - FRONT AXLE



Sample No: VCP429847
Oil Type: VOLVO WB 102
Job No: 393374



SAMPLE INFORMATION

Sample Number	VCP429847	VCP379604	VCP260195	VCP214457
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

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 40°C	cSt	38.9	44.6	39.1	41.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	13	9	12
Sodium	ppm	4	4	2	4
Potassium	ppm	1	0	<1	7

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	66	41	42	126
Copper	ppm	<1	<1	1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	1	<1
Chromium	ppm	<1	<1	1	3
Molybdenum	ppm	1	2	<1	2
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	4
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3249	3552	2409	3794
Magnesium	ppm	30	31	9	20
Zinc	ppm	1394	1428	1127	1458
Phosphorus	ppm	1163	1265	941	1238
Barium	ppm	0	0	<1	0
Boron	ppm	95	102	70	102

Depot: VOLVO0228
Unique No: 5733863
Signed: Wes Davis
Report Date: 20 Feb 2024



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GRAPHS

