



CONSTRUCTION EQUIPMENT

VOLVO L180H 5354 - REAR AXLE



Sample No: VCP379584
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP379584	VCP382449	VCP335009	VCP273241
Sample Date	24 Jul 2023	07 Mar 2023	07 Jul 2022	09 Jun 2020
Machine Hours	16486	15222	12919	4089
Oil Hours	0	0	0	0
Oil Changed	N/A	Not Changd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT
 5200 BOUL ST JOSEPH
 TROIS RIVIERE, QC
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OIL CONDITION

Visc @ 40°C	cSt	41.5	42.2	41.4	40.5
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CONTAMINATION

Silicon	ppm	13	11	10	11
Sodium	ppm	1	2	7	4
Potassium	ppm	<1	<1	1	2

WEAR METALS

Iron	ppm	16	22	20	74
Copper	ppm	2	2	2	14
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	1	<1
Chromium	ppm	<1	<1	<1	3
Molybdenum	ppm	<1	0	0	4
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	4
Vanadium	ppm	0	0	0	<1

ADDITIVES

Calcium	ppm	4053	4328	3979	3608
Magnesium	ppm	13	12	11	40
Zinc	ppm	1623	1649	1568	1508
Phosphorus	ppm	1415	1421	1301	1284
Barium	ppm	0	0	0	<1
Boron	ppm	118	120	108	104

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: STR520TRO
Unique No: 5617540
Signed: Wes Davis
Report Date: 26 Jul 2023



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GRAPHS

