



CONSTRUCTION EQUIPMENT

385799 VOLVO L180H 4705 - REAR AXLE



Sample No: VCP392050
Oil Type: VOLVO WB 102
Job No: 385799



SAMPLE INFORMATION

Sample Number	VCP392050	VCP352831	VCP298287	VCP251394
Sample Date	22 Nov 2023	23 Sep 2022	16 Sep 2021	01 Aug 2019
Machine Hours	10055	8051	5995	2111
Oil Hours	2000	0	0	1000
Oil Changed	Changed	N/A	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



STRONGCO EQUIPMENT INC (STE- FOY)
 175, rue de Rotterdam
 St-Augustin-de-Desmaures, QC
 CA G3A 2K2
 Contact: William Desrosiers
 wdesrosier@strongco.com
 T: (418)870-1700
 F: (418)870-1701



OIL CONDITION

Visc @ 40°C	cSt	42.1	42.0	39.3	40.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	15	12	8
Sodium	ppm	1	2	9	6
Potassium	ppm	0	<1	<1	1



WEAR METALS

Iron	ppm	38	91	89	27
Copper	ppm	7	<1	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	<1	<1
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	<1	0	0	<1
Manganese	ppm	0	1	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4054	4249	3789	4089
Magnesium	ppm	11	15	11	9
Zinc	ppm	1625	1614	1605	1718
Phosphorus	ppm	1334	1396	1365	1347
Barium	ppm	<1	0	0	<1
Boron	ppm	116	121	118	116

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: 5684175
Signed: Wes Davis
Report Date: 27 Nov 2023



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GRAPHS

