



CONSTRUCTION EQUIPMENT

388867 VOLVO L120H 632069 - FRONT AXLE



Sample No: VCP392845
Oil Type: VOLVO WB 102
Job No: 388867



SAMPLE INFORMATION

Sample Number	VCP392845	VCP353116	VCP347460	VCP298426
Sample Date	15 Dec 2023	17 Mar 2023	30 Mar 2022	20 Aug 2021
Machine Hours	28396	26189	20973	17418
Oil Hours	2000	0	0	2000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
 Contact: Perry Doyle
 pdoyle@strongco.com
 T: (403)391-3520
 F: (403)346-3487



OIL CONDITION

Visc @ 40°C	cSt	48.1	45.9	50.2	50.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	17	15	12	14
Sodium	ppm	1	7	8	13
Potassium	ppm	<1	<1	<1	2

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	13	30	17	16
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3745	3910	3273	3593
Magnesium	ppm	16	18	15	14
Zinc	ppm	1468	1491	1385	1426
Phosphorus	ppm	1192	1303	1176	1243
Barium	ppm	0	0	0	0
Boron	ppm	107	109	100	112

Depot: VOLVO9652
Unique No: 5697583
Signed: Wes Davis
Report Date: 20 Dec 2023



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GRAPHS

