



CONSTRUCTION EQUIPMENT

388867 VOLVO L120H 632069 - REAR AXLE



Sample No: VCP393028
Oil Type: VOLVO WB 102
Job No: 388867



SAMPLE INFORMATION

Sample Number	VCP393028	VCP353117	VCP353046	VCP347459
Sample Date	15 Dec 2023	17 Mar 2023	14 Sep 2022	30 Mar 2022
Machine Hours	28396	26189	22616	20973
Oil Hours	2000	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
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OIL CONDITION

Visc @ 40°C	cSt	48.9	50.3	52.1	50.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	38	86	15	13
Sodium	ppm	<1	5	6	8
Potassium	ppm	<1	<1	<1	<1

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	27	69	19	18
Copper	ppm	<1	<1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	1	1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	0	0	<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	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3775	3860	3680	3377
Magnesium	ppm	16	15	17	16
Zinc	ppm	1461	1431	1403	1388
Phosphorus	ppm	1184	1221	1232	1153
Barium	ppm	0	0	0	0
Boron	ppm	106	102	105	103

Depot: VOLVO9652
Unique No: 5697582
Signed: Wes Davis
Report Date: 20 Dec 2023



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GRAPHS

