



CONSTRUCTION EQUIPMENT

401992 VOLVO L120H 632927 - FRONT AXLE



Sample No: VCP381906
Oil Type: VOLVO WB 102
Job No: 401992



SAMPLE INFORMATION

Sample Number	VCP381906	VCP394289	VCP352950	VCP332538
Sample Date	17 May 2024	18 Oct 2023	07 Dec 2022	26 Aug 2022
Machine Hours	8535	6487	4258	3187
Oil Hours	2000	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIP (AB)
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 RED DEER COUNTY, AB
 CA T4S 2L4
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OIL CONDITION

Visc @ 40°C	cSt	42.4	43.6	49.7	49.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	13	17	17
Sodium	ppm	<1	<1	<1	8
Potassium	ppm	<1	<1	0	0

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	31	34	51	176
Copper	ppm	0	<1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	1	1
Chromium	ppm	<1	<1	<1	4
Molybdenum	ppm	0	0	<1	3
Nickel	ppm	0	<1	<1	1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	2	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4116	4185	3824	3825
Magnesium	ppm	15	15	16	18
Zinc	ppm	1633	1599	1435	1475
Phosphorus	ppm	1323	1318	1211	1237
Barium	ppm	0	<1	0	0
Boron	ppm	118	123	107	113

Depot: VOLVO9652
Unique No: 5786122
Signed: Wes Davis
Report Date: 22 May 2024



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GRAPHS

