



CONSTRUCTION EQUIPMENT

23731 VOLVO L180H 5514 - FRONT AXLE



Sample No: VCP420819
Oil Type: VOLVO WB 102
Job No: 23731



SAMPLE INFORMATION

Sample Number	VCP420819	VCP339120	---	---
Sample Date	21 Jul 2023	08 Mar 2022	---	---
Machine Hours	4032	1490	---	---
Oil Hours	2000	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

MURRAY MINES
 2696 HIGHWAY 17A
 SUMMERVILLE, SC
 US 29483
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	42.1	39.7	---	---
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T: (843)875-7465
 F:



CONTAMINATION

Silicon	ppm	14	10	---	---
Sodium	ppm	8	9	---	---
Potassium	ppm	0	<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	123	86	---	---
Copper	ppm	11	13	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	4	3	---	---
Molybdenum	ppm	5	3	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	3	---	---
Manganese	ppm	6	5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	4138	3730	---	---
Magnesium	ppm	40	11	---	---
Zinc	ppm	1755	1543	---	---
Phosphorus	ppm	1382	1303	---	---
Barium	ppm	0	0	---	---
Boron	ppm	145	112	---	---

Depot: MURSUM
Unique No: 10574607
Signed: Wes Davis
Report Date: 27 Jul 2023



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GRAPHS

