



CONSTRUCTION EQUIPMENT

9356 VOLVO L220H 2855 - REAR AXLE



Sample No: VCP412701
Oil Type: VOLVO WB 102
Job No: 9356



SAMPLE INFORMATION

Sample Number	VCP412701	VCP355094	VCP340151	VCP274744
Sample Date	26 Jul 2023	20 Jul 2022	15 Dec 2021	05 May 2020
Machine Hours	14058	11991	10295	5993
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

WHEELABRATOR
 1801 ANNAPOLIS RD
 BALTIMORE, MD
 US 21230
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	43.2	48.1	40.3	44.6
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T: (215)428-7902
 F:



CONTAMINATION

Silicon	ppm	9	10	9	11
Sodium	ppm	4	4	4	2
Potassium	ppm	0	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	27	26	71	64
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	<1	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	1	<1	<1
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	8	17	28	21
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	<1	<1	0
Manganese	ppm	<1	<1	1	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3002	3295	3029	3780
Magnesium	ppm	61	104	66	72
Zinc	ppm	1301	1376	1278	1465
Phosphorus	ppm	1030	1113	1110	1174
Barium	ppm	0	0	0	0
Boron	ppm	108	130	100	104

Depot: WHEBAL
Unique No: 10586769
Signed: Wes Davis
Report Date: 04 Aug 2023



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VOLVO GRAPHS

