



CONSTRUCTION EQUIPMENT

9356 VOLVO L220H 2855 - FRONT AXLE



Sample No: VCP404407
Oil Type: VOLVO WB 102
Job No: 9356



SAMPLE INFORMATION

Sample Number	VCP404407	VCP355092	VCP344889	VCP270865
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	44.6	47.9	40.8	43.9
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T: (215)428-7902
 F:



CONTAMINATION

Silicon	ppm	12	10	7	11
Sodium	ppm	4	3	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	32	26	62	127
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	3	1	<1	<1
Chromium	ppm	<1	<1	2	2
Molybdenum	ppm	3	7	10	<1
Nickel	ppm	0	0	0	1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	2	<1	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3413	3090	2504	3299
Magnesium	ppm	71	95	53	24
Zinc	ppm	1429	1309	1112	1292
Phosphorus	ppm	1139	1081	946	1048
Barium	ppm	0	0	0	0
Boron	ppm	124	126	84	87

Depot: WHEBAL
Unique No: 10586779
Signed: Wes Davis
Report Date: 04 Aug 2023



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GRAPHS

