



CONSTRUCTION EQUIPMENT

10050 VOLVO L220H 2855 - REAR AXLE



Sample No: VCP409446
Oil Type: VOLVO WB 102
Job No: 10050



SAMPLE INFORMATION

Sample Number	VCP409446	VCP412701	VCP355094	VCP340151
Sample Date	15 Dec 2023	26 Jul 2023	20 Jul 2022	15 Dec 2021
Machine Hours	15891	14058	11991	10295
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	42.7	43.2	48.1	40.3
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T: (215)428-7902
 F:

CONTAMINATION

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

ADDITIVES

Calcium	ppm	2662	3002	3295	3029
Magnesium	ppm	47	61	104	66
Zinc	ppm	1319	1301	1376	1278
Phosphorus	ppm	1155	1030	1113	1110
Barium	ppm	0	0	0	0
Boron	ppm	53	108	130	100

Depot: WHEBAL
Unique No: 10805840
Signed: Sean Felton
Report Date: 28 Dec 2023



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VOLVO GRAPHS

