



CONSTRUCTION EQUIPMENT

SWA536475-10 VOLVO L220H 2823 - REAR AXLE



Sample No: VCP430297
Oil Type: VOLVO WB 102
Job No: SWA536475-10



SAMPLE INFORMATION

Sample Number	VCP430297	VCP419118	VCP364974	VCP316676
Sample Date	10 Jun 2024	09 Sep 2023	16 Sep 2022	02 Feb 2022
Machine Hours	10963	9460	7531	6156
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

CALLANAN
 RT 32 677 FLATBUSH RD
 EAST KINGSTON, NY
 US 12401
 Contact:



OIL CONDITION

Visc @ 40°C	cSt	39.5	39.9	40.3	39.9
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	12	7	8
Sodium	ppm	4	5	4	1
Potassium	ppm	2	<1	0	2

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	216	150	69	40
Copper	ppm	7	3	<1	2
Lead	ppm	<1	0	<1	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	1	3	<1	0
Chromium	ppm	3	2	<1	<1
Molybdenum	ppm	2	1	<1	<1
Nickel	ppm	1	<1	<1	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	2	1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	2977	3107	2677	3509
Magnesium	ppm	16	2	13	8
Zinc	ppm	1326	1356	1237	1498
Phosphorus	ppm	1102	1110	986	1305
Barium	ppm	0	0	0	0
Boron	ppm	96	100	89	118

Depot: CALEAS
Unique No: 11083339
Signed: Wes Davis
Report Date: 17 Jun 2024



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VOLVO GRAPHS

