



CONSTRUCTION EQUIPMENT

SWA315088-10 VOLVO L220H 3195 - REAR AXLE



Sample No: VCP419116
Oil Type: VOLVO WB 102
Job No: SWA315088-10



SAMPLE INFORMATION

Sample Number	VCP419116	VCP390235	VCP342786	VCP332103
Sample Date	21 Aug 2023	01 Nov 2022	20 Jun 2022	04 Jan 2022
Machine Hours	10636	8642	7636	6556
Oil Hours	0	0	0	2000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	ABNORMAL	ABNORMAL	NORMAL	NORMAL

CALLANAN INDUSTRIES
 93 SULLIVAN RD
 MONTICELLO, NY
 US 12701
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	41.5	41.8	42.1	39.9
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T:
F:



CONTAMINATION

Silicon	ppm	35	12	13	10
Sodium	ppm	9	8	9	7
Potassium	ppm	5	0	8	0

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	51	24	14	51
Copper	ppm	0	0	<1	<1
Lead	ppm	0	<1	1	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	15	1	1	<1
Chromium	ppm	1	<1	<1	1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	<1	2
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	3941	3867	1871	4042
Magnesium	ppm	20	17	12	14
Zinc	ppm	1597	1621	1082	1569
Phosphorus	ppm	1267	1205	979	1329
Barium	ppm	0	0	0	0
Boron	ppm	146	132	95	128

Depot: CALMONNY
Unique No: 10617668
Signed: Jonathan Hester
Report Date: 25 Aug 2023



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GRAPHS

