



CONSTRUCTION EQUIPMENT

SWA578656-10 VOLVO L220H 2824 - FRONT AXLE



Sample No: VCP416140
Oil Type: VOLVO WB 102
Job No: SWA578656-10



SAMPLE INFORMATION

Sample Number	VCP416140	VCP432996	VCP396056	VCP419912
Sample Date	05 Jun 2024	19 Aug 2023	16 May 2023	01 Mar 2023
Machine Hours	15172	12965	12185	11698
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	ABNORMAL	ABNORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	41.6	42.2	41.9	42.1
-------------	-----	-------------	------	------	------

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	15	16	15
Sodium	ppm	3	2	2	0
Potassium	ppm	4	<1	<1	1

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	75	74	65	61
Copper	ppm	4	<1	0	0
Lead	ppm	4	<1	0	0
Tin	ppm	2	<1	0	0
Aluminum	ppm	3	3	<1	<1
Chromium	ppm	1	2	1	0
Molybdenum	ppm	4	<1	1	0
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2854	3913	3919	3804
Magnesium	ppm	23	21	20	15
Zinc	ppm	1206	1554	1601	1492
Phosphorus	ppm	1030	1238	1221	1208
Barium	ppm	0	0	0	<1
Boron	ppm	105	151	130	129

Depot: CALEAS
Unique No: 11074404
Signed: Wes Davis
Report Date: 13 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS

