



CONSTRUCTION EQUIPMENT

SWA329567-10 VOLVO L220H 2824 - FRONT AXLE



Sample No: VCP432996
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SWA329567-10



SAMPLE INFORMATION

Sample Number	VCP432996	VCP396056	VCP419912	VCP367696
Sample Date	19 Aug 2023	16 May 2023	01 Mar 2023	15 Nov 2022
Machine Hours	12965	12185	11698	11024
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	ABNORMAL	ABNORMAL	NORMAL	NORMAL

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

OIL CONDITION

Visc @ 40°C	cSt	42.2	41.9	42.1	42.2
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T:
F:

CONTAMINATION

Silicon	ppm	15	16	15	13
Sodium	ppm	2	2	0	<1
Potassium	ppm	<1	<1	1	1

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	74	65	61	50
Copper	ppm	<1	0	0	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	3	<1	<1	1
Chromium	ppm	2	1	0	1
Molybdenum	ppm	<1	1	0	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	0	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	3913	3919	3804	3966
Magnesium	ppm	21	20	15	13
Zinc	ppm	1554	1601	1492	1567
Phosphorus	ppm	1238	1221	1208	1239
Barium	ppm	0	0	<1	0
Boron	ppm	151	130	129	126

Depot: CALEAS
Unique No: 10617666
Signed: Jonathan Hester
Report Date: 25 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

