



CONSTRUCTION EQUIPMENT

X59076 VOLVO L220H 003442 - FRONT AXLE



Sample No: VCP426484

Oil Type: {unknown}

Job No: X59076



SAMPLE INFORMATION

Sample Number	VCP426484	VCP426114	VCP384435	---
Sample Date	09 Jan 2024	21 Sep 2023	30 Mar 2023	---
Machine Hours	5413	4161	2097	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

SCOTT EQUIPMENT COMPANY LLC - Saint Rose
 PO BOX 997
 SAINT ROSE, LA
 US 70087
 Contact: DENISE CORVERS
 dcorvers@scottcompanies.com
 T: (504)461-0961
 F: (504)461-0970



OIL CONDITION

Visc @ 40°C	cSt	59.5	57.9	53.7	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	21	16	14	---
Sodium	ppm	0	0	3	---
Potassium	ppm	2	1	0	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	36	35	45	---
Copper	ppm	<1	1	0	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	2	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	<1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3791	3376	3601	---
Magnesium	ppm	14	8	16	---
Zinc	ppm	1340	1200	1327	---
Phosphorus	ppm	1115	1071	1134	---
Barium	ppm	2	0	0	---
Boron	ppm	3	10	33	---

Depot: SCOSAI
Unique No: 10830994
Signed: Wes Davis
Report Date: 14 Jan 2024



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GRAPHS

