



CONSTRUCTION EQUIPMENT

SPM661220 VOLVO L180H 5412 - REAR AXLE



Sample No: VCP442817
Oil Type: VOLVO WB 102
Job No: SPM661220



SAMPLE INFORMATION

Sample Number	VCP442817	VCP396103	VCP374137	VCP342752
Sample Date	07 Feb 2024	01 Feb 2023	18 Jun 2022	08 Dec 2021
Machine Hours	7046	6657	4250	3605
Oil Hours	0	6657	0	3600
Oil Changed	N/A	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	43.4	39.8	39.5	40.2
-------------	-----	------	------	------	------

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	15	15	15
Sodium	ppm	3	9	9	10
Potassium	ppm	0	<1	5	<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	97	187	77	97
Copper	ppm	2	5	8	4
Lead	ppm	0	1	1	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	<1	<1	1	1
Chromium	ppm	2	5	3	3
Molybdenum	ppm	0	2	2	2
Nickel	ppm	0	2	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	2	6	5	4
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	3735	4091	3343	4107
Magnesium	ppm	16	20	14	17
Zinc	ppm	1525	1668	1325	1582
Phosphorus	ppm	1285	1232	1187	1311
Barium	ppm	0	0	0	0
Boron	ppm	136	139	123	149

Depot: CALEAS
Unique No: 10873864
Signed: Wes Davis
Report Date: 13 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

