



CONSTRUCTION EQUIPMENT

224972 WM VOLVO L220G 12593 - REAR AXLE



Sample No: VCP426756
Oil Type: VOLVO WB 102
Job No: 224972 WM



SAMPLE INFORMATION

Sample Number	VCP426756	VCP239099	VCP259180	VCP242106
Sample Date	12 Jul 2023	17 Aug 2020	14 Feb 2020	27 Feb 2019
Machine Hours	7856	6904	6528	5033
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

PACWEST MACHINERY
 8207 SOUTH 216TH STREET
 KENT, WA
 US 98032
 Contact: CHRIS COPELAND
 ccopeland@pacwestmachinery.com
 T: (800)935-5933
 F: (509)534-5286



OIL CONDITION

Visc @ 40°C	cSt	40.0	42.2	39.9	41.23
-------------	-----	-------------	------	------	-------



CONTAMINATION

Water	%	---	---	0.113	---
Silicon	ppm	14	12	14	13
Sodium	ppm	10	8	6	1
Potassium	ppm	<1	<1	0	9



WEAR METALS

Iron	ppm	19	8	17	42
Copper	ppm	<1	0	0	<1
Lead	ppm	0	0	1	2
Tin	ppm	0	0	0	0
Aluminum	ppm	1	0	2	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4272	3918	4283	4277
Magnesium	ppm	16	11	11	11
Zinc	ppm	1732	1516	1765	1664
Phosphorus	ppm	1364	1238	1427	1315
Barium	ppm	0	0	0	0
Boron	ppm	161	262	125	115

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.

Depot: VOLVO1271
Unique No: 10579416
Signed: Wes Davis
Report Date: 02 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

