



CONSTRUCTION EQUIPMENT

608208 IHFT VOLVO L180G 19890 - REAR AXLE



Sample No: VCP431436
Oil Type: VOLVO WB 102
Job No: 608208 IHFT



SAMPLE INFORMATION

Sample Number	VCP431436	VCP366074	VCP336108	VCP257432
Sample Date	30 Nov 2023	12 Sep 2022	24 Sep 2021	09 Oct 2019
Machine Hours	24449	22394	21859	18203
Oil Hours	2000	2000	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
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OIL CONDITION

Visc @ 40°C	cSt	40.2	42.2	39.9	38.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	13	7	11
Sodium	ppm	1	7	2	3
Potassium	ppm	1	1	1	8

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	23	15	19	30
Copper	ppm	0	0	<1	<1
Lead	ppm	0	<1	0	2
Tin	ppm	0	<1	<1	0
Aluminum	ppm	3	<1	4	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	7	1	2
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3208	3700	3838	3170
Magnesium	ppm	29	45	11	16
Zinc	ppm	1422	1542	1550	1337
Phosphorus	ppm	1239	1174	1257	1061
Barium	ppm	0	0	0	0
Boron	ppm	51	114	124	86

Depot: VOLVO2990
Unique No: 10779562
Signed: Don Baldrige
Report Date: 12 Dec 2023



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VOLVO GRAPHS

