



CONSTRUCTION EQUIPMENT

TMR-OKEECHOBEE 60849 434166 VOLVO L180H 4821 - FRONT AXLE



Sample No: VCP423317
Oil Type: VOLVO WB 102
Job No: 60849



SAMPLE INFORMATION

Sample Number	VCP423317	VCP408043	VCP369809	VCP346509
Sample Date	23 Jan 2024	01 May 2023	09 Dec 2022	22 Feb 2022
Machine Hours	15313	13007	11568	9688
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

TRADEMARK METALS RECYCLING - OKEECHOBEE
9800 NE 128TH AVE
OKEECHOBEE, FL
US 34972
Contact: RYAN BOWDEN



OIL CONDITION

Visc @ 40°C	cSt	46.1	44.1	43.2	43.8
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T: (863)467-9810
F: (863)467-9814



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	11	12	14
Sodium	ppm	0	2	7	6
Potassium	ppm	2	2	0	0

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	38	85	258	29
Copper	ppm	11	37	28	5
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	<1	<1	0
Aluminum	ppm	2	<1	3	1
Chromium	ppm	<1	2	4	<1
Molybdenum	ppm	3	2	2	2
Nickel	ppm	<1	<1	2	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	2	5	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	3577	3836	4094	3908
Magnesium	ppm	27	30	29	22
Zinc	ppm	1508	1653	1504	1476
Phosphorus	ppm	1279	1330	1244	1265
Barium	ppm	<1	0	0	0
Boron	ppm	126	135	137	125

Depot: TRAOKE
Unique No: 10858208
Signed: Wes Davis
Report Date: 01 Feb 2024



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GRAPHS

