



CONSTRUCTION EQUIPMENT

TMR-OKEECHOBEE 4098 434166 VOLVO L180H 4821 - REAR AXLE



Sample No: VCP445662
Oil Type: VOLVO WB 102
Job No: 4098



SAMPLE INFORMATION

Sample Number	VCP445662	VCP424869	VCP408038	VCP369822
Sample Date	12 Feb 2024	23 Jan 2024	01 May 2023	09 Dec 2022
Machine Hours	15531	15313	13007	11568
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	47.6	42.2	42.0	45.8
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T: (863)467-9810
F: (863)467-9814



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	13	10	11
Sodium	ppm	0	0	7	8
Potassium	ppm	2	2	2	0

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. High concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	26	46	44	40
Copper	ppm	8	13	13	12
Lead	ppm	1	0	0	0
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	1	2	<1	2
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	6	3	<1	<1
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	<1	0	0	0
Manganese	ppm	1	<1	1	1
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	3445	3670	3759	4117
Magnesium	ppm	55	28	21	21
Zinc	ppm	1505	1519	1626	1594
Phosphorus	ppm	1185	1295	1346	1292
Barium	ppm	0	<1	0	0
Boron	ppm	117	131	125	137

Depot: TRAOKE
Unique No: 10883391
Signed: Don Baldrige
Report Date: 17 Feb 2024



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VOLVO GRAPHS

