



CONSTRUCTION EQUIPMENT

TMR-OKEECHOBEE 4099 463144 VOLVO L180H 4823 - FRONT AXLE



Sample No: VCP445665
Oil Type: VOLVO WB 102
Job No: 4099



SAMPLE INFORMATION

Sample Number	VCP445665	VCP437956	VCP399037	VCP346671
Sample Date	12 Feb 2024	24 Jan 2024	07 Mar 2023	22 Feb 2022
Machine Hours	16032	15824	13615	9968
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	44.3	42.4	43.0	44.4
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T: (863)467-9810
F: (863)467-9814



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	16	13	14
Sodium	ppm	0	<1	<1	6
Potassium	ppm	1	<1	2	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	26	61	65	33
Copper	ppm	1	0	<1	<1
Lead	ppm	<1	<1	0	<1
Tin	ppm	<1	<1	0	0
Aluminum	ppm	1	1	2	2
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	7	0	<1	2
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	1	1	1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3148	3068	4176	3998
Magnesium	ppm	72	11	21	28
Zinc	ppm	1418	1396	1650	1510
Phosphorus	ppm	1128	1261	1377	1294
Barium	ppm	0	0	0	0
Boron	ppm	90	32	124	128

Depot: TRAOKE
Unique No: 10883409
Signed: Wes Davis
Report Date: 16 Feb 2024



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GRAPHS

