



CONSTRUCTION EQUIPMENT

TMR-SANFORD 687391 17726 VOLVO L90E 67148 - FRONT AXLE



Sample No: VCP455167
Oil Type: VOLVO WB 102
Job No: 687391



SAMPLE INFORMATION

Sample Number	VCP455167	VCP405820	DJJ0017443	DJJ0017412
Sample Date	28 Mar 2024	01 May 2023	06 Dec 2022	27 Oct 2022
Machine Hours	15012	14253	14005	13914
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

TRADEMARK METALS RECYCLING - SANFORD
3301 W FL 46
SANFORD, FL
US 32771
Contact: RYAN BOWDEN



OIL CONDITION

Visc @ 40°C	cSt	43.1	44.9	42.5	42.4
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T:
F: (407)321-0177



CONTAMINATION

Water	%	NEG	▲ 0.410	NEG	NEG
Silicon	ppm	24	19	10	10
Sodium	ppm	2	5	6	6
Potassium	ppm	2	0	0	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	16	23	13	10
Copper	ppm	105	69	7	4
Lead	ppm	<1	0	<1	<1
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	2	1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	1	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	<1	0	2
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3811	3757	4200	2548
Magnesium	ppm	13	32	18	19
Zinc	ppm	1528	1564	1564	1014
Phosphorus	ppm	1328	1286	1257	848
Barium	ppm	0	0	0	0
Boron	ppm	141	142	139	106

Depot: TRASTAFL
Unique No: 10963691
Signed: Wes Davis
Report Date: 05 Apr 2024



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VOLVO GRAPHS

