



CONSTRUCTION EQUIPMENT

TMR-SANFORD 687391 17726 VOLVO L90E 67148 - REAR AXLE



Sample No: VCP455168
Oil Type: VOLVO WB 102
Job No: 687391



SAMPLE INFORMATION

Sample Number	VCP455168	DJJ0017442	DJJ0017411	VCP356880
Sample Date	28 Mar 2024	06 Dec 2022	27 Oct 2022	13 Apr 2022
Machine Hours	15012	14005	13914	13413
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	44.4	42.4	42.6	41.6
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T:
F: (407)321-0177



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	19	13	11	16
Sodium	ppm	2	6	6	4
Potassium	ppm	2	0	8	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	50	36	21	78
Copper	ppm	26	5	3	13
Lead	ppm	0	<1	<1	<1
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	2	2	0	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	2	<1
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3749	4175	2675	4061
Magnesium	ppm	19	18	20	25
Zinc	ppm	1595	1588	1126	1506
Phosphorus	ppm	1313	1280	823	1361
Barium	ppm	0	0	0	0
Boron	ppm	138	141	104	133

Depot: TRASTAFL
Unique No: 10963674
Signed: Wes Davis
Report Date: 05 Apr 2024



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VOLVO GRAPHS

