



CONSTRUCTION EQUIPMENT

SPM702771 WASTE MGMT VOLVO L220E 2194 - REAR AXLE



Sample No: VCP427391
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM702771 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP427391	VCP422729	VCP365273	---
Sample Date	08 Jul 2024	25 Apr 2023	10 Oct 2022	---
Machine Hours	25071	24189	25053	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

WASTE MANAGEMENT - GARY
 1508 SHERMAN ST
 GARY, IN
 US 46406
 Contact: TARA RORK



OIL CONDITION

Visc @ 40°C	cSt	39.7	45.5	44.7	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	11	5	3	---
Sodium	ppm	8	1	0	---
Potassium	ppm	4	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	34	23	16	---
Copper	ppm	2	0	1	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	2	<1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	1	<1	<1	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	4168	2873	2126	---
Magnesium	ppm	9	9	7	---
Zinc	ppm	1770	1264	1018	---
Phosphorus	ppm	1556	1047	838	---
Barium	ppm	0	0	0	---
Boron	ppm	141	13	6	---

Depot: WASGARIN
Unique No: 11129506
Signed: Wes Davis
Report Date: 19 Jul 2024



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GRAPHS

