



CONSTRUCTION EQUIPMENT

X48132 - FRONT RIGHT FINAL DRIVE



Sample No: VCP450963
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: X48132



SAMPLE INFORMATION

Sample Number	VCP450963	---	---	---
Sample Date	07 May 2024	---	---	---
Machine Hours	1714	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

C & D LANDFILL
 3516 CENTRAL PIKE
 HERMITAGE, TX
 US 37076
 Contact: KELLI PHILLIPS
 kelli.phillips@wasteconnections.com
 T: (615)708-0563
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 111	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 25	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

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	█ 145	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 6	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 1543	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 318	---	---	---

Depot: CDLHER
Unique No: 11034514
Signed: Don Baldrige
Report Date: 21 May 2024



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GRAPHS

