



CONSTRUCTION EQUIPMENT

SPM701622 RENTAL VOLVO EC750E 314147 - RIGHT FINAL DRIVE



Sample No: VCP367138
Oil Type: GEAR OIL SAE 80W90
Job No: SPM701622 RENTAL



SAMPLE INFORMATION

Sample Number	VCP367138	VCP399759	VCP387219	---
Sample Date	15 Apr 2024	29 Apr 2023	15 Sep 2022	---
Machine Hours	2228	1122	635	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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5000 INDUSTRIAL HWY
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F:



OIL CONDITION

Visc @ 40°C	cSt	156	198	178	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	12	8	---
Sodium	ppm	0	1	0	---
Potassium	ppm	1	2	3	---

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	113	98	121	---
Copper	ppm	<1	4	<1	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	<1	1	<1	---
Aluminum	ppm	2	0	1	---
Chromium	ppm	2	1	2	---
Molybdenum	ppm	<1	1	<1	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	662	2462	37	---
Magnesium	ppm	6	23	1	---
Zinc	ppm	293	1115	13	---
Phosphorus	ppm	628	935	413	---
Barium	ppm	0	0	3	---
Boron	ppm	4	5	3	---

Depot: VOLVO8885
Unique No: 11017796
Signed: Don Baldrige
Report Date: 09 May 2024



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GRAPHS

