



CONSTRUCTION EQUIPMENT

SPM662084 VOLVO EC160E 314743 - RIGHT FINAL DRIVE



Sample No: VCP435695

Oil Type: {unknown}

Job No: SPM662084



SAMPLE INFORMATION

Sample Number	VCP435695	---	---	---
Sample Date	05 Feb 2024	---	---	---
Machine Hours	500	---	---	---
Oil Hours	521	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 177	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 132	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	47	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	16	---	---	---
Phosphorus	ppm	297	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	0	---	---	---



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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.

Depot: VOLVO8885
Unique No: 10883416
Signed: Don Baldrige
Report Date: 17 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

