



CONSTRUCTION EQUIPMENT

A11205 VOLVO ECR235 314555 - REAR LEFT FINAL DRIVE



Sample No: VCP430840
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A11205



SAMPLE INFORMATION

Sample Number	VCP430840	VCP361442	VCP310258	---
Sample Date	13 Oct 2023	02 May 2022	28 Jul 2021	---
Machine Hours	2475	1172	520	---
Oil Hours	2000	0	520	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	281	285	█ 166	---
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CONTAMINATION

Silicon	ppm	█ 34	█ 7	█ 22	---
Sodium	ppm	█ 2	█ 0	█ 3	---
Potassium	ppm	█ 3	█ 1	█ 2	---



WEAR METALS

Iron	ppm	█ 116	█ 40	█ 97	---
Copper	ppm	█ 0	█ <1	█ <1	---
Lead	ppm	█ 0	█ 0	█ <1	---
Tin	ppm	█ 0	█ 0	█ <1	---
Aluminum	ppm	█ 6	█ 1	█ 4	---
Chromium	ppm	█ 5	█ <1	█ 3	---
Molybdenum	ppm	█ 0	█ <1	█ <1	---
Nickel	ppm	█ <1	0	<1	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	█ 2	█ <1	█ 2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	█ 26	█ 20	█ 5	---
Magnesium	ppm	█ 3	█ 2	█ 2	---
Zinc	ppm	█ 8	█ 6	█ 8	---
Phosphorus	ppm	█ 1032	█ 1008	█ 295	---
Barium	ppm	█ 0	█ 0	█ 0	---
Boron	ppm	█ 150	█ 178	█ 17	---

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. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: JAAPHI
Unique No: 10712203
Signed: Don Baldrige
Report Date: 27 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

