



CONSTRUCTION EQUIPMENT

A12466 VOLVO ECR235E 315472 - REAR LEFT FINAL DRIVE



Sample No: VCP446455
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A12466



SAMPLE INFORMATION

Sample Number	VCP446455	VCP413722	---	---
Sample Date	15 Apr 2024	15 Aug 2023	---	---
Machine Hours	1005	465	---	---
Oil Hours	1005	465	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	292	167	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	16	---	---
Sodium	ppm	1	2	---	---
Potassium	ppm	2	<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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	82	103	---	---
Copper	ppm	<1	0	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	3	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	67	8	---	---
Magnesium	ppm	1	2	---	---
Zinc	ppm	40	9	---	---
Phosphorus	ppm	1021	340	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	4	<1	---	---

Depot: JAAPHI
Unique No: 10991856
Signed: Don Baldrige
Report Date: 24 Apr 2024



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GRAPHS

