



CONSTRUCTION EQUIPMENT

A11402 JMC VOLVO ECR235E 311598 - REAR LEFT FINAL DRIVE



Sample No: VCP430941
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A11402 JMC



SAMPLE INFORMATION

Sample Number	VCP430941	VCP287264	---	---
Sample Date	31 Oct 2023	19 Nov 2020	---	---
Machine Hours	1145	490	---	---
Oil Hours	500	490	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
 Contact: JIM FEHR
 jim.fehr@hoffmanequip.com
 T: (610)363-9200
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OIL CONDITION

Visc @ 40°C	cSt	294	█ 168	---	---
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CONTAMINATION

Silicon	ppm	█ 17	█ 11	---	---
Sodium	ppm	█ 1	█ 3	---	---
Potassium	ppm	█ 1	█ 2	---	---

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	█ 110	█ 149	---	---
Copper	ppm	█ 0	█ <1	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 3	█ 0	---	---
Chromium	ppm	█ 2	█ 3	---	---
Molybdenum	ppm	█ 0	█ 1	---	---
Nickel	ppm	█ 0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ 3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 113	█ 6	---	---
Magnesium	ppm	█ 5	█ 1	---	---
Zinc	ppm	45	█ 4	---	---
Phosphorus	ppm	█ 971	█ 364	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 143	█ 2	---	---

Depot: VOLVO8879
Unique No: 10738405
Signed: Don Baldrige
Report Date: 14 Nov 2023



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VOLVO GRAPHS

