



CONSTRUCTION EQUIPMENT

W05003895 VOLVO EC300 316329 - REAR RIGHT FINAL DRIVE



Sample No: VCP419402
Oil Type: MOBIL MOBILUBE HD 85W140
Job No: W05003895



SAMPLE INFORMATION

Sample Number	VCP419402	---	---	---
Sample Date	09 Oct 2023	---	---	---
Machine Hours	1969	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	143	---	---	---
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CONTAMINATION

Silicon	ppm	6	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	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	163	---	---	---
Copper	ppm	0	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	3	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	4	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	294	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO0002
Unique No: 10697303
Signed: Don Baldrige
Report Date: 18 Oct 2023



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GRAPHS

