



CONSTRUCTION EQUIPMENT

633743 VOLVO SD115B 236662 - REAR RIGHT FINAL DRIVE



Sample No: VCP440780
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 633743



SAMPLE INFORMATION

Sample Number	VCP440780	---	---	---
Sample Date	28 Nov 2023	---	---	---
Machine Hours	4274	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: PM Services
PMServices@ripaconstruction.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 233	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 0	---	---	---
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. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 344	---	---	---
Copper	ppm	█ < 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 105	---	---	---
Magnesium	ppm	█ 38	---	---	---
Zinc	ppm	█ 66	---	---	---
Phosphorus	ppm	█ 1080	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 128	---	---	---

Depot: RIPTAM
Unique No: 10834506
Signed: Wes Davis
Report Date: 18 Jan 2024



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GRAPHS

