



CONSTRUCTION EQUIPMENT

566838 SUPERIOR VOLVO SD115B 236905 - REAR AXLE



Sample No: VCP417397
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 566838 SUPERIOR



SAMPLE INFORMATION

Sample Number	VCP417397	---	---	---
Sample Date	22 Jun 2023	---	---	---
Machine Hours	912	---	---	---
Oil Hours	912	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 134	---	---	---
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CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---

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	█ 100	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 108	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	█ 111	---	---	---
Phosphorus	ppm	█ 1131	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 138	---	---	---

Depot: VOLVO0093
Unique No: 10574678
Signed: Wes Davis
Report Date: 27 Jul 2023



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GRAPHS

