



CONSTRUCTION EQUIPMENT

633489 BERGMANN C815S 6496 - REAR AXLE



Sample No: VCP432458
Oil Type: VOLVO WB 102
Job No: 633489



SAMPLE INFORMATION

Sample Number	VCP432458	---	---	---
Sample Date	10 Nov 2023	---	---	---
Machine Hours	566	---	---	---
Oil Hours	566	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
rturner@ripatampa.com

T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 64.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 20	---	---	---
Potassium	ppm	█ 4	---	---	---

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	█ 132	---	---	---
Copper	ppm	█ 34	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 10	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	53	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3443	---	---	---
Magnesium	ppm	█ 14	---	---	---
Zinc	ppm	█ 1422	---	---	---
Phosphorus	ppm	█ 1259	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 105	---	---	---

Depot: RIPTAM
Unique No: 10834496
Signed: Sean Felton
Report Date: 18 Jan 2024



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GRAPHS

