



CONSTRUCTION EQUIPMENT

BERGMANN C815S 5704 - REAR AXLE



Sample No: VCP418559
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP418559	---	---	---
Sample Date	08 Sep 2023	---	---	---
Machine Hours	1472	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: DEWAYNE BEARD
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 T: (239)481-8554
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OIL CONDITION

Visc @ 40°C	cSt	■ 54.5	---	---	---
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CONTAMINATION

Silicon	ppm	■ 13	---	---	---
Sodium	ppm	■ 18	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other 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	■ 180	---	---	---
Copper	ppm	▲ 122	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 4	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 7	---	---	---
Nickel	ppm	■ 6	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	52	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 3391	---	---	---
Magnesium	ppm	■ <1	---	---	---
Zinc	ppm	■ 1421	---	---	---
Phosphorus	ppm	■ 1197	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 107	---	---	---

Depot: VOLVO0090
Unique No: 10655605
Signed: Jonathan Hester
Report Date: 20 Sep 2023



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VOLVO GRAPHS

