



CONSTRUCTION EQUIPMENT

A67647 DAY LOGGING PONSSE A081545P - REAR AXLE



Sample No: VCP402727
Oil Type: GEAR OIL SAE 75W90
Job No: A67647 DAY LOGGING



SAMPLE INFORMATION

Sample Number	VCP402727	VCP339470	---	---
Sample Date	17 Nov 2023	27 Jan 2023	---	---
Machine Hours	1518	192	---	---
Oil Hours	0	192	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

CHADWICK-BAROSS INC MAIN

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OIL CONDITION

Visc @ 40°C	cSt	103	145	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	9	8	---	---
Sodium	ppm	<1	3	---	---
Potassium	ppm	<1	2	---	---



WEAR METALS

Iron	ppm	▲ 694	180	---	---
Copper	ppm	▲ 258	16	---	---
Lead	ppm	0	0	---	---
Tin	ppm	▲ 10	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	7	4	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	16	39	---	---
Magnesium	ppm	35	800	---	---
Zinc	ppm	13	21	---	---
Phosphorus	ppm	1375	1390	---	---
Barium	ppm	0	2	---	---
Boron	ppm	234	549	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Gear wear is indicated. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0006
Unique No: 10779556
Signed: Don Baldrige
Report Date: 12 Dec 2023



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GRAPHS

