



CONSTRUCTION EQUIPMENT

136968 J HARRIS TAKEUCHI TL10 410004839 - REAR LEFT FINAL DRIVE



Sample No: VCP399248
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 136968 J HARRIS



SAMPLE INFORMATION

Sample Number	VCP399248	---	---	---
Sample Date	14 Dec 2022	---	---	---
Machine Hours	614	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 165	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	▲ 598	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 9	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 8	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 48	---	---	---
Phosphorus	ppm	█ 230	---	---	---
Barium	ppm	█ 5	---	---	---
Boron	ppm	█ 4	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0096
Unique No: 10260549
Signed: Don Baldrige
Report Date: 20 Dec 2022



CONSTRUCTION EQUIPMENT



GRAPHS

