



CONSTRUCTION EQUIPMENT

VOLVO A25G 752747 - FRONT AXLE



Sample No: VCP435109
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP435109	VCP412760	---	---
Sample Date	16 Oct 2023	05 Aug 2023	---	---
Machine Hours	823	518	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	250	▲ 105	---	---
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CONTAMINATION

Silicon	ppm	3	4	---	---
Sodium	ppm	<1	0	---	---
Potassium	ppm	2	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	72	209	---	---
Copper	ppm	7	18	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	2	6	---	---
Molybdenum	ppm	3	6	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	10	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	113	258	---	---
Magnesium	ppm	17	0	---	---
Zinc	ppm	55	91	---	---
Phosphorus	ppm	1105	1488	---	---
Barium	ppm	0	0	---	---
Boron	ppm	193	337	---	---

Depot: VOLVO0096
Unique No: 10712182
Signed: Wes Davis
Report Date: 26 Oct 2023



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GRAPHS

