



CONSTRUCTION EQUIPMENT

VOLVO NOT GIVEN 310908 - SWING DRIVE



Sample No: VCP402638
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP402638	---	---	---
Sample Date	16 Sep 2023	---	---	---
Machine Hours	6557	---	---	---
Oil Hours	6557	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 198	---	---	---
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CONTAMINATION

Silicon	ppm	█ 47	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 4	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



WEAR METALS

Iron	ppm	● 6639	---	---	---
Copper	ppm	█ 41	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 11	---	---	---
Chromium	ppm	● 62	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 61	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 63	---	---	---
Magnesium	ppm	█ 7	---	---	---
Zinc	ppm	█ 99	---	---	---
Phosphorus	ppm	█ 786	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 4	---	---	---

Depot: VOLVO0090
Unique No: 10657955
Signed: Jonathan Hester
Report Date: 22 Sep 2023



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GRAPHS

