



CONSTRUCTION EQUIPMENT

SPM502739 OMNISOURCE SENNEBOGEN 825 825.0.2100 - REAR RIGHT FINAL DRIVE



Sample No: VCP392762
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SPM502739 OMNISOURCE



SAMPLE INFORMATION

Sample Number	VCP392762	VCP290553	VCP261596	---
Sample Date	10 Feb 2023	19 Nov 2020	09 Jan 2020	---
Machine Hours	8011	5907	5012	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA CONSTRUCTION EQUIPMENT LLC
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	145	140	113	---
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CONTAMINATION

Silicon	ppm	4	9	7	---
Sodium	ppm	4	4	9	---
Potassium	ppm	0	0	<1	---

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	26	12	29	---
Copper	ppm	<1	1	4	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	0	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	4	0	---
Manganese	ppm	1	<1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	42	184	1026	---
Magnesium	ppm	0	2	3	---
Zinc	ppm	22	85	424	---
Phosphorus	ppm	1809	2446	1648	---
Barium	ppm	0	0	1	---
Boron	ppm	167	197	120	---

Depot: VOLVO5023
Unique No: 10344586
Signed: Wes Davis
Report Date: 17 Feb 2023



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GRAPHS

