



CONSTRUCTION EQUIPMENT

SPM502739 OMNISOURCE SENNEBOGEN 825 825.0.2100 - FRONT LEFT FINAL DRIVE



Sample No: VCP399363
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SPM502739 OMNISOURCE



SAMPLE INFORMATION

Sample Number	VCP399363	VCP290699	VCP261604	---
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	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	139	115	▲ 54.3	---
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CONTAMINATION

Silicon	ppm	9	6	8	---
Sodium	ppm	9	13	20	---
Potassium	ppm	0	<1	1	---



WEAR METALS

Iron	ppm	109	97	127	---
Copper	ppm	14	27	▲ 84	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	0	<1	2	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	1	0	---
Manganese	ppm	1	1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	314	977	3219	---
Magnesium	ppm	2	4	8	---
Zinc	ppm	123	401	1217	---
Phosphorus	ppm	1676	2052	1066	---
Barium	ppm	1	0	3	---
Boron	ppm	105	139	76	---

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.

Depot: VOLVO5023
Unique No: 10344570
Signed: Don Baldrige
Report Date: 18 Feb 2023



CONSTRUCTION EQUIPMENT



GRAPHS

