



CONSTRUCTION EQUIPMENT

SPM502739 OMNISOURCE SENNEBOGEN 825 825.0.2100 - FRONT RIGHT FINAL DRIVE



Sample No: VCP399366
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SPM502739 OMNISOURCE



SAMPLE INFORMATION

Sample Number	VCP399366	VCP287558	VCP261599	---
Sample Date	10 Feb 2023	07 Dec 2020	09 Jan 2020	---
Machine Hours	8011	5907	5012	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	MARGINAL	---

ALTA CONSTRUCTION EQUIPMENT LLC
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 BURTON, MI
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	135	108	54.3	---
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CONTAMINATION

Water	%	---	---	0.239	---
Silicon	ppm	5	3	6	---
Sodium	ppm	7	11	17	---
Potassium	ppm	0	<1	2	---

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	71	69	112	---
Copper	ppm	7	12	32	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	0	<1	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<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	319	1036	3186	---
Magnesium	ppm	2	4	8	---
Zinc	ppm	125	427	1203	---
Phosphorus	ppm	1625	1930	1051	---
Barium	ppm	1	0	3	---
Boron	ppm	106	134	76	---

Depot: VOLVO5023
Unique No: 10344572
Signed: Don Baldrige
Report Date: 18 Feb 2023



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GRAPHS

