



CONSTRUCTION EQUIPMENT

SPM201909 OMNISOURCE SENNEBOGEN 825 825.0.2100 - AXLE



Sample No: VCP292558
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SPM201909 OMNISOURCE



SAMPLE INFORMATION

Sample Number	VCP292558	---	---	---
Sample Date	19 Nov 2020	---	---	---
Machine Hours	5907	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA CONSTRUCTION EQUIPMENT LLC
G-3283 S. DORT HIGHWAY
BURTON, MI
US 48529
Contact: BURTON SERVICE
BURTON.SERVICE@ALTAEQUIPMENT.COM
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 124	---	---	---
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CONTAMINATION

Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ <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	█ 46	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 561	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 246	---	---	---
Phosphorus	ppm	█ 2084	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 159	---	---	---

Depot: VOLVO5023
Unique No: 9281783
Signed: Jonathan Hester
Report Date: 08 Dec 2020



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GRAPHS

