



CONSTRUCTION EQUIPMENT

SPM502739 OMNISOURCE SENNEBOGEN 825 825.0.2100 - REAR LEFT FINAL DRIVE



Sample No: VCP410589
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SPM502739 OMNISOURCE



SAMPLE INFORMATION

Sample Number	VCP410589	VCP292551	VCP270823	VCP261598
Sample Date	10 Feb 2023	19 Nov 2020	17 Jan 2020	09 Jan 2020
Machine Hours	8011	5907	14247	5012
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ATTENTION	NORMAL

ALTA CONSTRUCTION EQUIPMENT LLC
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 BURTON, MI
 US 48529
 Contact: BURTON SERVICE
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OIL CONDITION

Visc @ 40°C	cSt	145	139	40.7	110
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CONTAMINATION

Silicon	ppm	4	2	16	7
Sodium	ppm	4	4	1	8
Potassium	ppm	0	<1	1	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	13	77	28
Copper	ppm	<1	1	3	4
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	1	<1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	44	186	4208	1026
Magnesium	ppm	<1	4	14	3
Zinc	ppm	27	87	1444	424
Phosphorus	ppm	1868	2365	1291	1656
Barium	ppm	0	0	0	1
Boron	ppm	168	191	117	120

Depot: VOLVO5023
Unique No: 10344567
Signed: Wes Davis
Report Date: 17 Feb 2023



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GRAPHS

