



CONSTRUCTION EQUIPMENT

SWA560052-10 ALTER SENNEBOGEN 835 835.0.2949 - REAR LEFT FINAL DRIVE



Sample No: VCP453611
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SWA560052-10 ALTER



SAMPLE INFORMATION

Sample Number	VCP453611	VCP434943	VCP396386	VCP363686
Sample Date	17 May 2024	01 Mar 2024	10 Oct 2023	01 Nov 2022
Machine Hours	5900	5345	4362	1872
Oil Hours	2000	1000	2000	2000
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
 BLOOMINGTON, IL
 US 61705

Contact: JUSTIN PERRY
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OIL CONDITION

Visc @ 40°C	cSt	142	137	142	152
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	6	6	2
Sodium	ppm	0	<1	2	0
Potassium	ppm	2	<1	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	228	136	188	39
Copper	ppm	10	5	23	11
Lead	ppm	<1	<1	0	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	2	<1	0
Chromium	ppm	2	<1	1	0
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	1	<1	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	3	2	4	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	56	50	158	2
Magnesium	ppm	2	1	4	<1
Zinc	ppm	36	25	85	9
Phosphorus	ppm	1857	1841	1757	1819
Barium	ppm	0	0	8	<1
Boron	ppm	154	122	91	89

Depot: VOLVO5054
Unique No: 11046312
Signed: Wes Davis
Report Date: 24 May 2024



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GRAPHS

