



CONSTRUCTION EQUIPMENT

SPM702170 ALTER S SENNEBOGEN 840E 840.0.2195 - FRONT RIGHT FINAL DRIVE



Sample No: VCP439227
Oil Type: GEAR OIL SAE 80W90
Job No: SPM702170 ALTER S



SAMPLE INFORMATION

Sample Number	VCP439227	VCP433826	VCP396503	VCP351983
Sample Date	16 Apr 2024	17 Nov 2023	04 Apr 2023	30 Dec 2021
Machine Hours	11148	10000	8847	5443
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
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US 46406
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F:



OIL CONDITION

Visc @ 40°C	cSt	144	143	149	152
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	2	4	3
Sodium	ppm	1	2	<1	0
Potassium	ppm	1	2	<1	0

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	28	14	21	15
Copper	ppm	4	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	0	0	<1
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	19	4	2	0
Magnesium	ppm	2	0	<1	0
Zinc	ppm	12	3	9	6
Phosphorus	ppm	666	1174	2051	1969
Barium	ppm	1	0	0	0
Boron	ppm	21	73	119	193

Depot: VOLVO8885
Unique No: 11004018
Signed: Wes Davis
Report Date: 30 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

