



CONSTRUCTION EQUIPMENT

SPM702170 ALTER S SENNEBOGEN 840E 840.0.2195 - FRONT AXLE



Sample No: VCP439230
Oil Type: GEAR OIL SAE 80W90
Job No: SPM702170 ALTER S



SAMPLE INFORMATION

Sample Number	VCP439230	VCP433823	VCP05820526	VCP351982
Sample Date	16 Apr 2024	27 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
 GARY, IN
 US 46406
 Contact: DAVE ENG
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 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	142	147	147	154
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	4	2
Sodium	ppm	2	2	0	0
Potassium	ppm	1	4	0	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	6	0	2	13
Copper	ppm	2	2	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	1	0	0	<1
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	0	<1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	14	0	0	3
Magnesium	ppm	2	0	<1	0
Zinc	ppm	10	0	1	7
Phosphorus	ppm	1021	2074	2193	1880
Barium	ppm	1	0	0	0
Boron	ppm	40	177	165	182

Depot: VOLVO8885
Unique No: 11004024
Signed: Wes Davis
Report Date: 30 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

