



CONSTRUCTION EQUIPMENT

SWA413501 SENNOBOGEN 835 835.0.2289 - LEFT SWING DRIVE



Sample No: VCP414803
Oil Type: GEAR OIL SAE 80W90
Job No: SWA413501



SAMPLE INFORMATION

Sample Number	VCP414803	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	7801	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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	█ 219	---	---	---
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CONTAMINATION

Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

Resample at the next service interval to monitor. The iron level is abnormal. All other 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	▲ 651	---	---	---
Copper	ppm	█ 136	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 6	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 15	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 55	---	---	---
Phosphorus	ppm	█ 367	---	---	---
Barium	ppm	█ 6	---	---	---
Boron	ppm	█ 22	---	---	---

Depot: VOLVO8885
Unique No: 10742972
Signed: Angela Borella
Report Date: 17 Nov 2023



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GRAPHS

