



CONSTRUCTION EQUIPMENT

SPM702170 SENNEBOGEN 840E 840.O.2195 - LEFT SWING DRIVE



Sample No: VCP439228
Oil Type: GEAR OIL ISO 220
Job No: SPM702170



SAMPLE INFORMATION

Sample Number	VCP439228	VCP351984	---	---
Sample Date	16 Apr 2024	30 Dec 2021	---	---
Machine Hours	11148	5443	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
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OIL CONDITION

Visc @ 40°C	cSt	█ 216	█ 224	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 23	█ 20	---	---
Sodium	ppm	█ <1	█ 0	---	---
Potassium	ppm	█ 1	█ 0	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. 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	█ 143	█ 187	---	---
Copper	ppm	▲ 172	█ 19	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 4	█ 4	---	---
Aluminum	ppm	█ 1	█ <1	---	---
Chromium	ppm	█ 2	█ 1	---	---
Molybdenum	ppm	█ <1	0	---	---
Nickel	ppm	█ <1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 2	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 217	0	---	---
Magnesium	ppm	█ 2	0	---	---
Zinc	ppm	█ 122	27	---	---
Phosphorus	ppm	█ 479	357	---	---
Barium	ppm	█ 1	0	---	---
Boron	ppm	█ 4	4	---	---

Depot: VOLVO8885
Unique No: 11004022
Signed: Jonathan Hester
Report Date: 01 May 2024



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GRAPHS

