



CONSTRUCTION EQUIPMENT

673784 SENNEBOGEN 840 2364 - LEFT SWING DRIVE



Sample No: VCP442443

Oil Type: VOLVO 220

Job No: 673784



SAMPLE INFORMATION

Sample Number	VCP442443	VCP424845	---	---
Sample Date	20 Feb 2024	27 Mar 2023	---	---
Machine Hours	3131	745	---	---
Oil Hours	1131	745	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

FERROUS PROCESSING AND TRADING

3400 E LAFAYETTE

DETROIT, MI

US 48207

Contact: KEITH HALL

keith.hall@fpt1.com

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OIL CONDITION

Visc @ 40°C	cSt	█ 199	█ 208	---	---
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CONTAMINATION

Water	%	NEG	█ 0.262	---	---
Silicon	ppm	█ 5	█ 4	---	---
Sodium	ppm	█ <1	█ 1	---	---
Potassium	ppm	█ 2	█ 1	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or gear wear is indicated. 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	▲ 777	█ 333	---	---
Copper	ppm	▲ 164	█ 58	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	▲ 16	█ 6	---	---
Aluminum	ppm	█ <1	█ 2	---	---
Chromium	ppm	█ 7	█ 3	---	---
Molybdenum	ppm	<1	█ <1	---	---
Nickel	ppm	█ 2	█ 1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	8	█ 3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	17	█ 4	---	---
Magnesium	ppm	2	█ 3	---	---
Zinc	ppm	73	█ 74	---	---
Phosphorus	ppm	253	█ 283	---	---
Barium	ppm	0	█ 1	---	---
Boron	ppm	9	█ 16	---	---

Depot: FERDET

Unique No: 10901608

Signed: Sean Felton

Report Date: 01 Mar 2024



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GRAPHS

