



CONSTRUCTION EQUIPMENT

687658 SENNEBOGEN 840E 2236 - LEFT SWING DRIVE



Sample No: VCP436395
Oil Type: MOBIL MOBILGEAR SHC 220
Job No: 687658



SAMPLE INFORMATION

Sample Number	VCP436395	VCP391286	---	---
Sample Date	06 Apr 2024	19 Oct 2022	---	---
Machine Hours	9731	6387	---	---
Oil Hours	2000	2000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	SEVERE	ABNORMAL	---	---

FERROUS PROCESSING AND TRADING

3400 E LAFAYETTE
DETROIT, MI
US 48207

Contact: KEITH HALL
keith.hall@fpt1.com

T:
F:



OIL CONDITION

Visc @ 40°C	cSt	222	215	---	---
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CONTAMINATION

Water	%	1.73	0.509	---	---
Silicon	ppm	11	5	---	---
Sodium	ppm	2	0	---	---
Potassium	ppm	1	2	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Bearing and/or gear wear is indicated. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.



WEAR METALS

Iron	ppm	988	812	---	---
Copper	ppm	173	122	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	24	10	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	8	5	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	2	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	8	6	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	18	57	---	---
Magnesium	ppm	3	1	---	---
Zinc	ppm	62	87	---	---
Phosphorus	ppm	295	323	---	---
Barium	ppm	0	2	---	---
Boron	ppm	16	21	---	---

Depot: FERDET
Unique No: 10982432
Signed: Sean Felton
Report Date: 22 Apr 2024



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VOLVO GRAPHS

