



CONSTRUCTION EQUIPMENT

687658 SENNEBOGEN 840E 2236 - RIGHT SWING DRIVE



Sample No: VCP436396
Oil Type: MOBIL MOBILGEAR SHC 220
Job No: 687658



SAMPLE INFORMATION

Sample Number	VCP436396	VCP391298	---	---
Sample Date	06 Apr 2024	19 Oct 2022	---	---
Machine Hours	9731	6387	---	---
Oil Hours	2000	2000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

FERROUS PROCESSING AND TRADING

3400 E LAFAYETTE
 DETROIT, MI
 US 48207

Contact: KEITH HALL
 keith.hall@fpt1.com

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 F:



OIL CONDITION

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

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 5	█ 5	---	---
Sodium	ppm	█ <1	█ 0	---	---
Potassium	ppm	█ 1	█ 3	---	---

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. 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	▲ 655	▲ 656	---	---
Copper	ppm	█ 146	█ 153	---	---
Lead	ppm	█ 1	█ 0	---	---
Tin	ppm	█ 13	█ 13	---	---
Aluminum	ppm	█ 1	█ 2	---	---
Chromium	ppm	█ 6	█ 4	---	---
Molybdenum	ppm	█ 2	█ <1	---	---
Nickel	ppm	█ 2	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	█ 7	█ 6	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 11	█ 64	---	---
Magnesium	ppm	█ 2	█ 2	---	---
Zinc	ppm	█ 46	█ 105	---	---
Phosphorus	ppm	█ 241	█ 342	---	---
Barium	ppm	█ 0	█ 2	---	---
Boron	ppm	█ 15	█ 34	---	---

Depot: FERDET
Unique No: 10982410
Signed: Sean Felton
Report Date: 22 Apr 2024



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GRAPHS

