



CONSTRUCTION EQUIPMENT

715284 SENNEBOGEN 840E 840.0.2242 - LEFT SWING DRIVE



Sample No: VCP446428
Oil Type: MOBIL 220
Job No: 715284



SAMPLE INFORMATION

Sample Number	VCP446428	---	---	---
Sample Date	10 May 2024	---	---	---
Machine Hours	6378	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

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	■ 211	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	▲ 0.497	---	---	---
Silicon	ppm	■ 13	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ <1	---	---	---

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 moderate concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



WEAR METALS

Iron	ppm	▲ 1767	---	---	---
Copper	ppm	▲ 289	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	▲ 31	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	▲ 12	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	14	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	38	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	157	---	---	---
Phosphorus	ppm	384	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	26	---	---	---

Depot: FERDET
Unique No: 11034542
Signed: Sean Felton
Report Date: 21 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

