



CONSTRUCTION EQUIPMENT

714988 SENNEBOGEN 840 2345 - FRONT LEFT FINAL DRIVE



Sample No: VCP454471
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 714988



SAMPLE INFORMATION

Sample Number	VCP454471	VCP431506	VCP421771	---
Sample Date	14 May 2024	11 Oct 2023	03 Apr 2023	---
Machine Hours	3005	2072	1029	---
Oil Hours	1000	0	1029	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	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	145	154	187	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	1	3	1	---
Sodium	ppm	2	3	2	---
Potassium	ppm	0	0	0	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. 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	28	36	44	---
Copper	ppm	4	8	8	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	0	9	14	---
Magnesium	ppm	0	13	2	---
Zinc	ppm	0	0	<1	---
Phosphorus	ppm	1024	1416	1024	---
Barium	ppm	33	161	318	---
Boron	ppm	62	115	0	---

Depot: FERDET
Unique No: 11034530
Signed: Angela Borella
Report Date: 21 May 2024



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GRAPHS

