



CONSTRUCTION EQUIPMENT

714988 SENNEBOGEN 840 2345 - FRONT RIGHT FINAL DRIVE



Sample No: VCP454472
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 714988



SAMPLE INFORMATION

Sample Number	VCP454472	VCP431507	VCP421772	---
Sample Date	14 May 2024	11 Oct 2023	03 Apr 2023	---
Machine Hours	3005	2072	1029	---
Oil Hours	1000	1000	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	142	157	185	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	1	4	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	32	39	53	---
Copper	ppm	3	5	4	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	1	---
Chromium	ppm	0	<1	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	10	14	---
Magnesium	ppm	0	14	2	---
Zinc	ppm	0	0	0	---
Phosphorus	ppm	1014	1404	1018	---
Barium	ppm	39	171	321	---
Boron	ppm	62	109	0	---

Depot: FERDET
Unique No: 11034527
Signed: Angela Borella
Report Date: 21 May 2024



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GRAPHS

