



CONSTRUCTION EQUIPMENT

715284 SENNEBOGEN 840E 840.0.2242 - REAR LEFT FINAL DRIVE



Sample No: VCP452788
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 715284



SAMPLE INFORMATION

Sample Number	VCP452788	VCP429348	VCP382189	---
Sample Date	10 May 2024	04 Oct 2023	15 Feb 2023	---
Machine Hours	6378	5029	3811	---
Oil Hours	1000	1000	0	---
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	140	133	156	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	1	3	---
Sodium	ppm	<1	0	1	---
Potassium	ppm	0	<1	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	5	13	16	---
Copper	ppm	2	4	6	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	0	31	6	---
Magnesium	ppm	0	27	<1	---
Zinc	ppm	0	28	10	---
Phosphorus	ppm	485	713	1580	---
Barium	ppm	0	6	60	---
Boron	ppm	8	18	108	---

Depot: FERDET
Unique No: 11034525
Signed: Angela Borella
Report Date: 21 May 2024



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GRAPHS

