

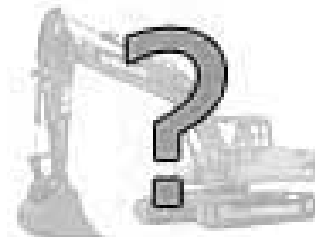


CONSTRUCTION EQUIPMENT

673135 SENNEBOGEN 840 840.0.2369 - FRONT AXLE



Sample No: VCP445844
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 673135



SAMPLE INFORMATION

Sample Number	VCP445844	VCP424043	---	---
Sample Date	14 Feb 2024	10 Aug 2023	---	---
Machine Hours	2322	1119	---	---
Oil Hours	1322	1119	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	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	139	140	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	6	7	---	---
Sodium	ppm	4	3	---	---
Potassium	ppm	0	<1	---	---

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	6	---	---
Copper	ppm	15	20	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	4	12	---	---
Magnesium	ppm	0	0	---	---
Zinc	ppm	<1	10	---	---
Phosphorus	ppm	970	1633	---	---
Barium	ppm	19	10	---	---
Boron	ppm	74	148	---	---

Depot: FERDET
Unique No: 10896948
Signed: Don Baldrige
Report Date: 26 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

