



CONSTRUCTION EQUIPMENT

703206 FRITZ SENNEBOGEN 835C 2743 - FRONT RIGHT FINAL DRIVE



Sample No: VCP444524
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 703206 FRITZ



SAMPLE INFORMATION

Sample Number	VCP444524	VCP397555	VCP354495	VCP347821
Sample Date	29 Apr 2024	25 Mar 2023	21 Apr 2022	16 Mar 2022
Machine Hours	10751	10245	6517	5888
Oil Hours	1000	0	1000	1600
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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 56195 PONTIAC TRAIL
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OIL CONDITION

Visc @ 40°C	cSt	139	136	153	157
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	5	7
Sodium	ppm	<1	0	<1	4
Potassium	ppm	<1	<1	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	71	12	281	412
Copper	ppm	3	<1	21	39
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	<1	<1	2	3
Chromium	ppm	0	0	<1	1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	2	<1	4	7
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	14	2	4	10
Magnesium	ppm	3	<1	<1	<1
Zinc	ppm	10	3	17	35
Phosphorus	ppm	1996	1866	1841	1616
Barium	ppm	0	0	1	39
Boron	ppm	187	249	127	141

Depot: VOLVO2990
Unique No: 11008048
Signed: Don Baldrige
Report Date: 06 May 2024



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VOLVO GRAPHS

