



CONSTRUCTION EQUIPMENT

703206 FRITZ SENNEBOGEN 835C 2743 - FRONT AXLE



Sample No: VCP444518
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 703206 FRITZ



SAMPLE INFORMATION

Sample Number	VCP444518	VCP371119	VCP354491	VCP347810
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

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
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OIL CONDITION

Visc @ 40°C	cSt	136	140	150	142
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	2	2
Sodium	ppm	<1	0	7	0
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	<1	5	5	7
Copper	ppm	<1	2	1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	<1	3	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	36	7	9	34
Magnesium	ppm	0	2	<1	0
Zinc	ppm	23	7	0	15
Phosphorus	ppm	1910	2216	1192	2040
Barium	ppm	0	0	0	0
Boron	ppm	241	223	70	192

Depot: VOLVO2990
Unique No: 11008060
Signed: Wes Davis
Report Date: 03 May 2024



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GRAPHS

