



CONSTRUCTION EQUIPMENT

SWO-070331 VOLVO A40F 11843 - REAR AXLE



Sample No: VCP452408
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-070331



SAMPLE INFORMATION

Sample Number	VCP452408	VCP431892	VCP416412	VCP395352
Sample Date	12 Mar 2024	01 Nov 2023	02 Aug 2023	12 Apr 2023
Machine Hours	7075	6592	6103	5555
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	299	298	326	326
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	2	3
Sodium	ppm	0	<1	0	0
Potassium	ppm	0	<1	2	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	13	4	26	21
Copper	ppm	0	<1	<1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	0
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	18	19	2	2
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	0	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	114	122	62	103
Magnesium	ppm	29	33	13	19
Zinc	ppm	76	70	37	46
Phosphorus	ppm	926	1010	950	936
Barium	ppm	0	0	0	0
Boron	ppm	174	191	188	177

Depot: SAIBIR
Unique No: 10930005
Signed: Don Baldrige
Report Date: 20 Mar 2024



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VOLVO GRAPHS

