



CONSTRUCTION EQUIPMENT

VOLVO A40G 340716 - DROP BOX



Sample No: VCP432343
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP432343	VCP405262	VCP396174	VCP366069
Sample Date	05 Dec 2023	30 Aug 2023	26 Apr 2023	23 Nov 2022
Machine Hours	9440	8929	8381	7881
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	280	281	281	248
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	5	2
Sodium	ppm	0	<1	0	0
Potassium	ppm	<1	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	13	11	12	22
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	<1	0	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	4	4	5	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	2
Manganese	ppm	0	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	146	127	129	84
Magnesium	ppm	38	38	34	19
Zinc	ppm	86	84	90	64
Phosphorus	ppm	1027	989	978	886
Barium	ppm	0	0	0	0
Boron	ppm	140	150	157	105

Depot: SAIBIR
Unique No: 10789019
Signed: Don Baldrige
Report Date: 17 Dec 2023



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VOLVO GRAPHS

