



CONSTRUCTION EQUIPMENT

SWO-066386 VOLVO A45G 352565 - DROP BOX



Sample No: VCP431981
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-066386



SAMPLE INFORMATION

Sample Number	VCP431981	VCP416372	VCP413219	VCP402205
Sample Date	03 Oct 2023	31 Jul 2023	31 May 2023	06 Apr 2023
Machine Hours	8080	7625	7148	6710
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	277	275	273	272
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CONTAMINATION

Silicon	ppm	6	6	5	4
Sodium	ppm	<1	0	1	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	354	292	233	167
Copper	ppm	6	6	6	4
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	<1	0
Chromium	ppm	5	4	3	2
Molybdenum	ppm	7	6	5	4
Nickel	ppm	3	2	1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	3	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	48	48	76	51
Magnesium	ppm	33	35	35	37
Zinc	ppm	98	92	87	76
Phosphorus	ppm	1025	1022	1025	948
Barium	ppm	0	0	0	0
Boron	ppm	93	97	112	133

Depot: SAIBIR
Unique No: 10682525
Signed: Doug Bogart
Report Date: 15 Oct 2023



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VOLVO GRAPHS

