



CONSTRUCTION EQUIPMENT

SWA311393 RENTAL VOLVO A45G 342479 - DROP BOX



Sample No: VCP409167
Oil Type: GEAR OIL SAE 80W90
Job No: SWA311393 RENTAL



SAMPLE INFORMATION

Sample Number	VCP409167	VCP373785	VCP387290	VCP364836
Sample Date	28 Jul 2023	15 Mar 2023	27 Oct 2022	24 Aug 2022
Machine Hours	9012	7800	6690	6068
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA CONSTRUCTION EQUIPMENT
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OIL CONDITION

Visc @ 40°C	cSt	129	145	147	148
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CONTAMINATION

Silicon	ppm	4	8	11	11
Sodium	ppm	1	<1	2	<1
Potassium	ppm	<1	2	7	6

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	83	212	322	309
Copper	ppm	4	7	12	12
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	<1	<1	2	2
Chromium	ppm	1	3	4	4
Molybdenum	ppm	5	8	12	11
Nickel	ppm	<1	2	2	2
Titanium	ppm	0	0	0	<1
Silver	ppm	<1	0	0	<1
Manganese	ppm	1	3	6	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	124	37	96	124
Magnesium	ppm	0	2	4	5
Zinc	ppm	58	43	60	87
Phosphorus	ppm	812	2185	1561	1537
Barium	ppm	0	0	0	<1
Boron	ppm	40	122	142	148

Depot: VOLVO5055
Unique No: 10589815
Signed: Wes Davis
Report Date: 08 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

