



CONSTRUCTION EQUIPMENT

SWA311403 RENTAL VOLVO A45G 342486 - DROP BOX



Sample No: VCP409138
Oil Type: GEAR OIL SAE 80W90
Job No: SWA311403 RENTAL



SAMPLE INFORMATION

Sample Number	VCP409138	VCP371711	VCP346626	VCP351924
Sample Date	27 Jul 2023	05 Aug 2022	18 May 2022	26 Feb 2022
Machine Hours	8804	6436	5765	5317
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

ALTA CONSTRUCTION EQUIPMENT
 613 E STEVENSON RD
 OTTAWA, IL
 US 61350
 Contact: ALEX MARCO
 ALEXANDER.MARCO@ALTG.COM
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	130	188	186	138
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	15	24	33	123
Sodium	ppm	1	0	<1	2
Potassium	ppm	<1	0	0	0



WEAR METALS

Iron	ppm	499	153	128	541
Copper	ppm	6	55	26	10
Lead	ppm	<1	<1	0	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	4	2	2	7
Chromium	ppm	7	2	2	12
Molybdenum	ppm	12	5	3	14
Nickel	ppm	4	<1	0	2
Titanium	ppm	<1	0	0	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	5	2	1	10
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	184	1846	1950	201
Magnesium	ppm	8	18	16	4
Zinc	ppm	91	803	821	104
Phosphorus	ppm	824	1011	1031	2256
Barium	ppm	0	0	0	0
Boron	ppm	38	54	48	203

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.

Depot: VOLVO5055
Unique No: 10589819
Signed: Wes Davis
Report Date: 08 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

