



CONSTRUCTION EQUIPMENT

SWO-063459 VOLVO A45G 342067 - DROP BOX



Sample No: VCP424613
Oil Type: GEAR OIL SAE 90W140
Job No: SWO-063459



SAMPLE INFORMATION

Sample Number	VCP424613	VCP393980	VCP367376	VCP354860
Sample Date	22 Jun 2023	14 Feb 2023	03 Nov 2022	04 Aug 2022
Machine Hours	6450	5835	5435	4970
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	ATTENTION	NORMAL	NORMAL	NORMAL

WHITAKER CONTRACTING
 692 CONVICT CAMP RD
 GUNTERVILLE, AL
 US 35976
 Contact: BROTHER WHITAKER
 BrotherWhitaker@whitaker-contracting.com
 T: (256)298-3905
 F:



OIL CONDITION

Visc @ 40°C	cSt	316	311	305	304
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CONTAMINATION

Silicon	ppm	10	10	3	2
Sodium	ppm	<1	1	0	<1
Potassium	ppm	<1	0	0	0



WEAR METALS

Iron	ppm	433	122	35	35
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	1	<1	<1
Chromium	ppm	5	1	<1	<1
Molybdenum	ppm	9	5	4	4
Nickel	ppm	2	<1	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	3
Manganese	ppm	5	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	128	119	135	133
Magnesium	ppm	25	21	28	28
Zinc	ppm	75	55	71	85
Phosphorus	ppm	924	807	863	882
Barium	ppm	0	0	0	0
Boron	ppm	142	150	134	186

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. An increase in the iron level is noted. All other 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: WHIGUN
Unique No: 10536410
Signed: Don Baldrige
Report Date: 02 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

