



CONSTRUCTION EQUIPMENT

SWO-063459 VOLVO A45G 342067 - BOGIE/CENTER AXLE



Sample No: VCP425888
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-063459



SAMPLE INFORMATION

Sample Number	VCP425888	VCP392784	VCP367384	VCP375462
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	NORMAL	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	305	305	305	303
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CONTAMINATION

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



WEAR METALS

Iron	ppm	62	62	30	36
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	4	4	3	4
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	149	129	124	134
Magnesium	ppm	27	24	24	27
Zinc	ppm	84	60	62	84
Phosphorus	ppm	922	775	739	879
Barium	ppm	0	0	0	0
Boron	ppm	138	140	115	184

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W140. Please confirm.

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: WHIGUN
Unique No: 10536408
Signed: Wes Davis
Report Date: 02 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

