



CONSTRUCTION EQUIPMENT

SWO-063459 VOLVO A45G 342067 - REAR AXLE



Sample No: VCP424687
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-063459



SAMPLE INFORMATION

Sample Number	VCP424687	VCP392779	VCP367381	VCP353968
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	303	304	305	304
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CONTAMINATION

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



WEAR METALS

Iron	ppm	66	64	35	38
Copper	ppm	<1	<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	4	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	144	140	132	135
Magnesium	ppm	28	25	28	27
Zinc	ppm	81	72	70	85
Phosphorus	ppm	900	797	857	893
Barium	ppm	0	0	0	0
Boron	ppm	137	144	133	186

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: 10536406
Signed: Wes Davis
Report Date: 02 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

