



CONSTRUCTION EQUIPMENT

VOLVO A45G 342539 - FRONT AXLE



Sample No: VCP0007580
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007580	VCP345501	VCP315490	VCP276624
Sample Date	06 Jul 2023	01 Dec 2021	15 Mar 2021	05 May 2020
Machine Hours	0	4272	3145	1920
Oil Hours	0	2000	1000	1920
Oil Changed	N/A	Changed	Not Changd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

QGS - QUALITY GRASSES SERV/TCF LEASING
 17502 CR 672
 LITHIA, FL
 US 33547
 Contact: GARY ROGERS
 grogers@qgsdevelopment.com
 T: (813)323-4119
 F:



OIL CONDITION

Visc @ 40°C	cSt	299	271	250	48.5
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CONTAMINATION

Silicon	ppm	3	5	2	15
Sodium	ppm	0	0	<1	5
Potassium	ppm	4	0	<1	0



WEAR METALS

Iron	ppm	10	62	48	273
Copper	ppm	<1	2	1	4
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	2	0	2
Chromium	ppm	0	<1	<1	4
Molybdenum	ppm	7	2	2	6
Nickel	ppm	<1	0	0	1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	3	2	1	9
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	72	221	377	240
Magnesium	ppm	32	6	11	0
Zinc	ppm	68	138	194	125
Phosphorus	ppm	973	898	1055	1810
Barium	ppm	0	0	0	0
Boron	ppm	208	107	154	174

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: QUALITFL
Unique No: 10549886
Signed: Sean Felton
Report Date: 11 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

