



CONSTRUCTION EQUIPMENT

VOLVO A45G 342539 - DROP BOX



Sample No: VCP0007579
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007579	VCP342817	VCP315465	VCP276623
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	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	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	290	194	201	38.5
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CONTAMINATION

Silicon	ppm	25	7	5	47
Sodium	ppm	0	0	<1	4
Potassium	ppm	2	0	<1	2



WEAR METALS

Iron	ppm	82	346	180	224
Copper	ppm	<1	7	3	7
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	3	5	0	11
Chromium	ppm	<1	4	2	3
Molybdenum	ppm	6	6	4	9
Nickel	ppm	<1	0	<1	2
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	1	5	4	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	127	423	364	609
Magnesium	ppm	29	8	8	1
Zinc	ppm	98	215	201	364
Phosphorus	ppm	967	956	922	1006
Barium	ppm	0	0	0	0
Boron	ppm	190	81	93	82

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: 10549885
Signed: Sean Felton
Report Date: 11 Jul 2023



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GRAPHS

