



CONSTRUCTION EQUIPMENT

VOLVO A45G 342538 - DROP BOX



Sample No: VCP0007977
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007977	VCP360251	VCP334709	VCP266250
Sample Date	06 Jul 2023	12 Apr 2022	03 Aug 2021	27 Apr 2020
Machine Hours	0	5233	4214	2052
Oil Hours	0	1000	1500	2052
Oil Changed	N/A	Not Chngd	Changed	Changed
Sample Status	ATTENTION	NORMAL	ATTENTION	SEVERE

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	177	251	210	57.1
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CONTAMINATION

Silicon	ppm	12	7	5	43
Sodium	ppm	0	1	<1	12
Potassium	ppm	2	0	0	0



WEAR METALS

Iron	ppm	222	732	29	120
Copper	ppm	3	6	2	9
Lead	ppm	0	<1	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	1	5	0	28
Chromium	ppm	2	7	<1	2
Molybdenum	ppm	4	7	5	10
Nickel	ppm	2	6	<1	<1
Titanium	ppm	<1	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	2	13	<1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2851	132	159	70
Magnesium	ppm	19	24	6	2
Zinc	ppm	997	66	62	103
Phosphorus	ppm	1040	855	1023	2685
Barium	ppm	0	0	0	<1
Boron	ppm	93	87	106	144

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: QUALITFL
Unique No: 10549882
Signed: Sean Felton
Report Date: 11 Jul 2023



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GRAPHS

