



CONSTRUCTION EQUIPMENT

VOLVO A45G 342523 - FRONT AXLE



Sample No: VCP0008006

Oil Type: TDTO FLUID SAE 50

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008006	VCP419030	VCP0007983	VCP301397
Sample Date	02 Aug 2023	18 Jul 2023	06 Jul 2023	22 Dec 2020
Machine Hours	0	6542	0	3197
Oil Hours	0	0	0	1000
Oil Changed	N/A	N/A	N/A	Not Changd
Sample Status	NORMAL	ATTENTION	ATTENTION	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	179	180	180	272
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CONTAMINATION

Silicon	ppm	15	16	15	2
Sodium	ppm	2	1	0	1
Potassium	ppm	<1	2	2	0

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.



WEAR METALS

Iron	ppm	8	7	7	46
Copper	ppm	0	2	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	0	0
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	3	3	3	<1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3183	3705	3486	180
Magnesium	ppm	22	24	22	3
Zinc	ppm	1175	1346	1235	75
Phosphorus	ppm	973	1110	1042	986
Barium	ppm	0	<1	0	0
Boron	ppm	29	29	28	182

Depot: QUALITFL
Unique No: 10588331
Signed: Jonathan Hester
Report Date: 07 Aug 2023



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GRAPHS

