



CONSTRUCTION EQUIPMENT

134053 VOLVO A25G 740144 - BOGIE/CENTER AXLE



Sample No: VCP419438
Oil Type: GEAR OIL SAE 80W90
Job No: 134053



SAMPLE INFORMATION

Sample Number	VCP419438	VCP410105	VCP383868	VCP361730
Sample Date	18 Aug 2023	02 May 2023	01 Nov 2022	01 Feb 2022
Machine Hours	9495	8939	8552	7576
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

FCS CONSTRUCTION LLC
PO BOX 190829
DALLAS, TX
US 75219
Contact: SHANE WHITEWOOD
swhitewood@friscoccs.com



OIL CONDITION

Visc @ 40°C	cSt	131	131	136	121
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T:
F:



CONTAMINATION

Silicon	ppm	3	<1	2	1
Sodium	ppm	0	<1	0	1
Potassium	ppm	<1	<1	<1	8

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	32	14	35	59
Copper	ppm	2	0	3	6
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	1	0	<1	0
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	0	<1	1	6
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	117	87	123	241
Magnesium	ppm	0	0	3	12
Zinc	ppm	44	41	47	135
Phosphorus	ppm	1046	1002	1004	1039
Barium	ppm	0	0	0	0
Boron	ppm	224	193	199	131

Depot: FCS DAL
Unique No: 10617617
Signed: Jonathan Hester
Report Date: 25 Aug 2023



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GRAPHS

