



CONSTRUCTION EQUIPMENT

133900 VOLVO A25G 740046 - BOGIE/CENTER AXLE



Sample No: VCP410092
Oil Type: GEAR OIL SAE 80W90
Job No: 133900



SAMPLE INFORMATION

Sample Number	VCP410092	VCP371704	VCP314058	VCP322632
Sample Date	01 Aug 2023	17 Nov 2022	27 May 2022	28 May 2021
Machine Hours	9169	8779	8446	7406
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
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	148	148	131	129
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CONTAMINATION

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



WEAR METALS

Iron	ppm	28	19	25	53
Copper	ppm	2	1	2	2
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	0	<1	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	2
Nickel	ppm	<1	0	0	<1
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	41	57	91	130
Magnesium	ppm	2	1	<1	3
Zinc	ppm	22	21	42	67
Phosphorus	ppm	1016	1052	959	917
Barium	ppm	2	0	0	0
Boron	ppm	209	180	200	258

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: FCS DAL
Unique No: 10603751
Signed: Wes Davis
Report Date: 15 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

