



CONSTRUCTION EQUIPMENT

133900 VOLVO A25G 740046 - REAR AXLE



Sample No: VCP410084
Oil Type: GEAR OIL SAE 80W90
Job No: 133900



SAMPLE INFORMATION

Sample Number	VCP410084	VCP371702	VCP315049	VCP322665
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	142	147	125	124
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CONTAMINATION

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



WEAR METALS

Iron	ppm	18	11	33	60
Copper	ppm	23	8	29	13
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	0	<1	0
Chromium	ppm	<1	0	<1	1
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	138	78	297	215
Magnesium	ppm	2	2	2	3
Zinc	ppm	67	33	131	110
Phosphorus	ppm	1021	1045	968	906
Barium	ppm	2	0	0	0
Boron	ppm	203	180	188	249

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: 10603753
Signed: Wes Davis
Report Date: 15 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

