



CONSTRUCTION EQUIPMENT

134053 VOLVO A25G 740144 - FRONT AXLE



Sample No: VCP419442
Oil Type: GEAR OIL SAE 80W90
Job No: 134053



SAMPLE INFORMATION

Sample Number	VCP419442	VCP419835	VCP383753	VCP361987
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
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 DALLAS, TX
 US 75219
 Contact: SHANE WHITEWOOD
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	131	132	135	114
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CONTAMINATION

Silicon	ppm	2	<1	3	6
Sodium	ppm	0	<1	0	<1
Potassium	ppm	<1	0	0	8



WEAR METALS

Iron	ppm	48	24	56	77
Copper	ppm	6	2	9	24
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	<1	1	5
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	98	85	115	353
Magnesium	ppm	0	0	2	11
Zinc	ppm	38	41	48	196
Phosphorus	ppm	1032	999	985	1016
Barium	ppm	0	0	0	0
Boron	ppm	224	192	191	117

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: 10617620
Signed: Jonathan Hester
Report Date: 25 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

