



CONSTRUCTION EQUIPMENT

134053 VOLVO A25G 740144 - DROP BOX



Sample No: VCP419436
Oil Type: GEAR OIL SAE 80W90
Job No: 134053



SAMPLE INFORMATION

Sample Number	VCP419436	VCP420458	VCP383863	VCP361867
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
 shwhitewood@friscoccs.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	132	129	133	98.2
-------------	-----	------------	-----	-----	------



CONTAMINATION

Silicon	ppm	5	3	2	2
Sodium	ppm	0	<1	0	<1
Potassium	ppm	<1	0	0	6



WEAR METALS

Iron	ppm	16	8	11	28
Copper	ppm	0	0	<1	2
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	<1	<1	<1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	0	<1	1	5
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	2
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	95	84	172	815
Magnesium	ppm	0	<1	3	13
Zinc	ppm	41	51	93	397
Phosphorus	ppm	1047	980	962	978
Barium	ppm	0	0	0	0
Boron	ppm	202	175	144	95

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: 10617618
Signed: Wes Davis
Report Date: 24 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

