



CONSTRUCTION EQUIPMENT

659047 TUCKER VOLVO A25G 740257 - BOGIE/CENTER AXLE



Sample No: VCP452339
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 659047 TUCKER



SAMPLE INFORMATION

Sample Number	VCP452339	VCP386622	VCP321530	VCP305544
Sample Date	08 Jan 2024	30 Nov 2022	25 Jun 2021	22 Jan 2021
Machine Hours	9175	8249	6077	5219
Oil Hours	1000	4000	2000	1000
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	SEVERE	SEVERE

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OIL CONDITION

Visc @ 40°C	cSt	243	284	311	311
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	23	3	440	299
Sodium	ppm	<1	2	1	1
Potassium	ppm	2	<1	1	15

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	176	7	1483	580
Copper	ppm	28	5	466	195
Lead	ppm	0	1	<1	2
Tin	ppm	1	<1	22	0
Aluminum	ppm	<1	0	14	15
Chromium	ppm	1	<1	18	7
Molybdenum	ppm	17	56	4	1
Nickel	ppm	1	<1	12	4
Titanium	ppm	0	<1	2	2
Silver	ppm	0	<1	0	0
Manganese	ppm	1	<1	14	7
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	266	984	124	58
Magnesium	ppm	74	859	11	9
Zinc	ppm	193	1096	42	28
Phosphorus	ppm	972	943	938	981
Barium	ppm	0	0	0	0
Boron	ppm	145	7	204	164

Depot: VOLVO0093
Unique No: 10886624
Signed: Wes Davis
Report Date: 20 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

