



CONSTRUCTION EQUIPMENT

VOLVO A25G 752316 - FRONT AXLE



Sample No: VCP430390
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP430390	VCE118817	VC410467	VC381581
Sample Date	05 Apr 2024	21 Oct 2022	15 Apr 2022	17 Mar 2022
Machine Hours	5264	2918	1024	609
Oil Hours	0	2918	500	609
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SCOTT EQUIPMENT COMPANY LLC - Lavergne
 1231 BRIDGESTONE PARKWAY
 LAVERGNE, TN
 US 37086
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OIL CONDITION

Visc @ 40°C	cSt	138	112	129	87.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	3	3	4
Sodium	ppm	<1	1	0	0
Potassium	ppm	2	0	0	5

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	65	85	140	249
Copper	ppm	10	14	11	39
Lead	ppm	<1	0	0	0
Tin	ppm	1	<1	<1	1
Aluminum	ppm	2	0	0	0
Chromium	ppm	1	1	2	4
Molybdenum	ppm	1	<1	2	8
Nickel	ppm	1	<1	1	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	2	3	2	10
Vanadium	ppm	<1	1	0	0



ADDITIVES

Calcium	ppm	31	15	67	876
Magnesium	ppm	2	0	0	2
Zinc	ppm	14	5	0	373
Phosphorus	ppm	1045	454	603	1355
Barium	ppm	<1	0	0	0
Boron	ppm	170	0	58	263

Depot: VOLV00129
Unique No: 10968184
Signed: Wes Davis
Report Date: 10 Apr 2024



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GRAPHS

