



CONSTRUCTION EQUIPMENT

VOLVO A25G 7523 16 - BOGIE/CENTER AXLE



Sample No: VCP430389
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP430389	VCE118815	VC410475	VC550432
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
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 LAVERGNE, TN
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OIL CONDITION

Visc @ 40°C	cSt	139	141	129	88.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	5	4	4
Sodium	ppm	<1	2	<1	0
Potassium	ppm	2	1	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	62	230	181	265
Copper	ppm	19	34	18	64
Lead	ppm	<1	0	0	0
Tin	ppm	2	2	<1	2
Aluminum	ppm	2	1	<1	0
Chromium	ppm	1	3	2	4
Molybdenum	ppm	<1	2	3	10
Nickel	ppm	1	2	1	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	2	0	0
Manganese	ppm	2	4	4	12
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	28	46	156	820
Magnesium	ppm	3	0	0	2
Zinc	ppm	16	19	67	352
Phosphorus	ppm	983	520	715	1403
Barium	ppm	2	0	0	0
Boron	ppm	165	0	57	273

Depot: VOLVO0129
Unique No: 10968181
Signed: Wes Davis
Report Date: 10 Apr 2024



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GRAPHS

