



CONSTRUCTION EQUIPMENT

X47784 VOLVO A25G 752361 - BOGIE/CENTER AXLE



Sample No: VCP452395
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: X47784



SAMPLE INFORMATION

Sample Number	VCP452395	VC381646	VC437419	VCE00953
Sample Date	10 Apr 2024	30 Aug 2022	10 May 2022	17 Mar 2022
Machine Hours	3520	2003	1186	593
Oil Hours	0	2003	500	593
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	ABNORMAL	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	129	130	92.4
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CONTAMINATION

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

Diagnosis

We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. High concentration of visible yellow metal present. All component wear rates are normal. There is no indication of any contamination in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	123	42	127	225
Copper	ppm	56	6	14	35
Lead	ppm	1	0	<1	0
Tin	ppm	4	<1	<1	1
Aluminum	ppm	1	0	0	0
Chromium	ppm	2	<1	2	4
Molybdenum	ppm	1	<1	3	12
Nickel	ppm	2	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	2	1	3	10
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	30	49	114	588
Magnesium	ppm	1	<1	7	<1
Zinc	ppm	9	6	62	253
Phosphorus	ppm	978	516	682	1401
Barium	ppm	0	0	2	0
Boron	ppm	159	15	54	289

Depot: VOLV00129
Unique No: 10982411
Signed: Don Baldrige
Report Date: 22 Apr 2024



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GRAPHS

