



CONSTRUCTION EQUIPMENT

X47784 VOLVO A25G 752361 - FRONT AXLE



Sample No: VCP439213
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: X47784



SAMPLE INFORMATION

Sample Number	VCP439213	VC379699	VC430193	VCE00951
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	NORMAL	ATTENTION	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	143	79.3	127	90.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	10	4	4
Sodium	ppm	2	0	0	0
Potassium	ppm	2	2	2	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	117	27	167	278
Copper	ppm	6	6	20	29
Lead	ppm	1	0	2	0
Tin	ppm	2	<1	<1	<1
Aluminum	ppm	2	<1	<1	0
Chromium	ppm	2	<1	3	5
Molybdenum	ppm	2	<1	5	15
Nickel	ppm	2	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	3	<1	6	12
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	79	275	161	769
Magnesium	ppm	1	2	<1	<1
Zinc	ppm	47	140	96	330
Phosphorus	ppm	1560	619	718	1416
Barium	ppm	0	0	5	0
Boron	ppm	244	27	59	282

Depot: VOLVO0129
Unique No: 10982434
Signed: Wes Davis
Report Date: 22 Apr 2024



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GRAPHS

