



CONSTRUCTION EQUIPMENT

X37246 VOLVO A25G 752299 - REAR AXLE



Sample No: VCP414295
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: X37246



SAMPLE INFORMATION

Sample Number	VCP414295	VCP414297	VCP400848	VCP390794
Sample Date	18 Oct 2023	18 Oct 2023	24 Aug 2023	30 Mar 2023
Machine Hours	5905	5905	5368	3980
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	139	144	140	141
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CONTAMINATION

Silicon	ppm	<1	<1	2	1
Sodium	ppm	0	0	<1	0
Potassium	ppm	2	2	0	<1

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	20	21	38	40
Copper	ppm	1	<1	2	3
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	2	2	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	0	1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	33	14	25	36
Magnesium	ppm	<1	1	2	10
Zinc	ppm	0	0	5	18
Phosphorus	ppm	1035	995	1050	1021
Barium	ppm	0	0	0	0
Boron	ppm	219	216	237	201

Depot: DIPMED
Unique No: 10709630
Signed: Wes Davis
Report Date: 24 Oct 2023



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GRAPHS

