



CONSTRUCTION EQUIPMENT

537144 VOLVO A40G 353375 - FRONT AXLE



Sample No: VCP449542
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 537144



SAMPLE INFORMATION

Sample Number	VCP449542	VCP412078	VCP417714	---
Sample Date	18 Apr 2024	07 Sep 2023	14 Jul 2023	---
Machine Hours	4458	2328	1524	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	ATTENTION	---

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OIL CONDITION

Visc @ 40°C	cSt	286	289	52.4	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	4	6	---
Sodium	ppm	0	<1	4	---
Potassium	ppm	0	2	8	---

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	94	72	472	---
Copper	ppm	<1	0	2	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	0	0	<1	---
Chromium	ppm	1	<1	7	---
Molybdenum	ppm	2	3	7	---
Nickel	ppm	0	0	1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	2	14	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	71	79	60	---
Magnesium	ppm	16	16	0	---
Zinc	ppm	41	41	34	---
Phosphorus	ppm	1141	1090	2632	---
Barium	ppm	0	0	0	---
Boron	ppm	195	207	321	---

Depot: VOLVO0096
Unique No: 10994886
Signed: Jonathan Hester
Report Date: 26 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

