



CONSTRUCTION EQUIPMENT

VOLVO A40G 341163 - FRONT AXLE



Sample No: VCP420025
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP420025	VCP280977	---	---
Sample Date	17 Nov 2023	18 Jul 2020	---	---
Machine Hours	9855	6280	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
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OIL CONDITION

Visc @ 40°C	cSt	296	203	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	6	---	---
Sodium	ppm	0	1	---	---
Potassium	ppm	1	6	---	---



WEAR METALS

Iron	ppm	20	43	---	---
Copper	ppm	1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	8	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	100	80	---	---
Magnesium	ppm	29	11	---	---
Zinc	ppm	62	39	---	---
Phosphorus	ppm	953	1270	---	---
Barium	ppm	0	0	---	---
Boron	ppm	217	189	---	---

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.

Depot: VOLVO0090
Unique No: 10751943
Signed: Wes Davis
Report Date: 21 Nov 2023



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GRAPHS

